

Assessment on Unit

1

**First: Choose the correct answer:**

1 Three million, three thousand, three = (In standard form)

- a 30,303 b 3,030,030 c 3,003,003 d 3,300,300

2 23,080,250 = (In word form)

- a Three hundred sixty million, eighty thousand, two hundred fifty
 b Twenty-three million, eight hundred thousand, two hundred fifty
 c Twenty-three million, eighty thousand, two hundred fifty
 d Three hundred sixty million, eight hundred, two thousand, fifty

3 706,200,405 = (In expanded form)

- a $700,000,000 + 6,000,000 + 200,000 + 400 + 5$
 b $700,000,000 + 6,000,000 + 200 + 40 + 5$
 c $70,000,000 + 6,000,000 + 20,000 + 400 + 5$
 d $700,000,000 + 6,000,000 + 200,000 + 40 + 5$

4 Three milliard, five hundred ninety thousand, three hundred five
 = (In standard form)

- a 3,000,590,305 b 3,590,305
 c 3,590,000,305 d 3,005,900,305

5 $(3 \times 100,000,000) + (8 \times 10,000,000) + (6 \times 10,000) + (2 \times 100)$
 = (In standard form)

- a 300,860,200 b 380,060,200
 c 380,060,200 d 380,600,200

Final Revision

- 6 is the smallest number formed from 10 digit.
 a Million b Ten million c Hundred million d Milliard
- 7 The value of the digit 3 in the number 532,689,127 is
 a 300,000 b 3,000,000 c 30,000,000 d 300,000,000
- 8 $40,225,885 < \dots$
 a 8,688,988 b 41,200,800 c 9,999,999 d 39,009,000
- 9 $258,456 \approx \dots$ (To the nearest 10,000)
 a 250,000 b 260,000 c 200,000 d 300,000
- 10 The **smallest** whole number that can be rounded to the nearest 100, so that the result is 2,300, is
 a 2,350 b 2,250 c 2,301 d 2,299

Second: Complete the following:

- 1 The place value of the digit 6 in 658,478,203 is
- 2 200 Hundred = Thousand
- 3 $2 \text{ milliard} + 7 \text{ million} + 225 \text{ thousand} + 102 = \dots$
 (In word form)
- 4 The digit 4 in 248,237,752 is in the place.
- 5 The value of the digit 5 in the Hundred Thousands place is
- 6 $3,000,000 = \dots$ thousand
- 7 Decompose 7,305,057 =
 $(7 \times \dots) + (3 \times \dots) + (5 \times \dots)$
 $+ (5 \times \dots) + (7 \times \dots)$
- 8 Nine milliard, seven hundred five million, thirty thousand, six
 = (In standard form)
- 9 $654,215 \approx \dots$ (To the nearest 10,000)
- 10 $\approx 45,000$ (To the nearest 1,000)

(Complete with the **smallest** number possible)

Third: Complete using ($<$, $=$ or $>$):

- | | |
|--|-----------------|
| ① 200,002,780 | 200,020,078 |
| ② $(5 \times 100,000,000) + (5 \times 1)$ | 550,000,000 |
| ③ 620,000,602 | 62 million, 602 |
| ④ Three hundred million, three hundred | 300,300,000 |
| ⑤ The value of the digit 8 in the
Hundred Thousands place | 800,000 |

Fourth: Arrange the following numbers in an **ascending** order.
Write the numbers in **standard form**

Number	Standard Form	Order
30,000,450	a.
$(3 \times 1,000,000) + (4 \times 100) + (5 \times 1)$	b.
Three hundred million, four hundred, fifty	c.
$50 + 400 + 3,000,000,000$	d.
30 million, 450 thousand	e.

Fifth: Write each of the following numerical forms in **standard form**,
then round the number to the nearest **100**:

Numerical Form	Standard Form	To the Nearest 100
a. Five thousand, five hundred ninety-nine
b. 4 thousand, 985
c. $90,000 + 400 + 30 + 2$
d. $(8 \times 10) + (3 \times 1)$

Assessment on Unit 2



First: Choose the correct answer:

1 $25 + 152 = 152 + 25$

(..... Property)

a Identity Element

b Associative

c Commutative

d Distributive

2 $63 + (15 + 95) = (63 + 15) + 95$

(..... Property)

a Identity Element

b Associative

c Commutative

d Distributive

3 $258 + 0 = 258$

(..... Property)

a Identity Element

b Associative

c Commutative

d Distributive

4 $456 + 998 = 454 + \dots$

a 999

b 990

c 1,000

d 996

5 $369 + 254 = \dots$

a $369 + 200 + 50 + 4$

b $369 + 2 + 4 + 5$

c $369 + 25 + 4$

d $369 + 2 + 54$

6 The equation that represents the following **bar model** is

a $\chi + 120 = 750$

b $750 - \chi = 150$

c $\chi - 150 = 750$

d $\chi = 750 + 150$

750	
χ	150

7 The bar model that represents this equation " $32 - y = 15$ " is

a

32	
15	y

b

15	
32	y

c

y	
15	32

d

47	
32	y

8 $158,456 + 252,234 = \dots\dots\dots$

a 300,780

b 410,690

c 300,690

d 790,410

9 If $\chi + 245 = 786$, then $\chi = \dots\dots\dots$.

a $245 + 786$

b $786 - 245$

c $245 + 541$

d $786 - 541$

10 If $452 - y = 152$, then $y = \dots\dots\dots$.

a $452 + 152$

b $152 + 200$

c $452 - 152$

d $452 - 200$

Second: Complete the following:

1 $45 + 21 = \dots\dots\dots + 45$ (..... Property)

2 $(45 + 25) + 15 + \dots\dots\dots = \dots\dots\dots + (\dots\dots\dots + 15) + 13$
(..... Property)

3 $254 + \dots\dots\dots = 254$ (..... Property)

4 $25,475 + 85,235 = \dots\dots\dots$

5 $600,800 - 365,247 = \dots\dots\dots$

6 If $\chi + 258 = 500$, then $\chi = \dots\dots\dots$

7 If $458 + y = 600$, then $y = \dots\dots\dots$

8 If $m - 524 = 214$, then $m = \dots\dots\dots$

9 If $842 - z = 600$, then $z = \dots\dots\dots$

10 $2,456 + 3,375 = \dots\dots\dots \approx \dots\dots\dots$ (To the nearest 1,000)

Third: Answer the following:

- a In one week, 6,245 tourists visited the Pyramids, and in the following week 5,375 tourists did.

How many tourists visited the Pyramids in the two weeks?

Bar Model:

Equation:

Solution:

.....	
.....

Final Revision

- b Sarah had 1,025 pounds. She bought a dress for 675 pounds.
How many pounds does Sarah have left?

Bar Model:

Equation:

Solution:

.....	
.....

- c A road with a length of 9,150 meters was paved in three days, of which 345 meters were paved on the first day, and 290 meters on the next day. How many meters were paved on the third day?
-
-
-

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للف الرابع الابتدائي

احرص على اقتناء كتاب

الأستاذ

سلسلة كتب الأستاذ

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سلسلة كتب الأستاذ

Assessment 1

1 Complete the following:

- a $7,000,021 = \dots$ Millions + \dots Thousands + \dots
- b $245 + 243 = \dots + 245$
- c $0 + \dots = 9$ "..... Property"
- d 50 Ten Thousands =

2 Choose the correct answer:

- a When approximating the number 3,999 to the nearest **Ten**,
it is (4,900 or 4,000 or 5,990 or 5,000)
- b $45 + 0 = 45$ (..... Property)
(Distributive or Identity Element or Commutative or Associative)
- c $5,000 + 20 + 3 = \dots$
(50,203 or 523 or 5,023 or 5,000,203)
- d The **place value** of the digit 7 in 965,712,3
(millions or millions or hundreds or thousands)

3 Compare using (< , = or >):

- a 900 Thousands 90 Millions
- b $6,000,000,000 + 4,000 + 2$ $6,000,000 + 80,000 + 100$
- c $456,258 + 543,742$ The greatest 7-digit number
- d $10,000 + 8,000 + 200 + 80 + 7$ $18,654 - 367$

4 Answer the following questions:

- a** The number of girls in a school is 458, and the number of boys is 367.
What is the total number of students in this school?

- b** Salma was counting the ants in the colony. She counted 1,525 ants on Monday, 19,750 ants on Tuesday, and 3,705 ants on Wednesday. If there are 30,520 ants in the colony, how many ants does she still need to count?

c Find the result:

$$\begin{array}{r} 1 \quad 235,147 \\ + 235,448 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 65,254 \\ - 36,142 \\ \hline \end{array}$$

Assessment 2

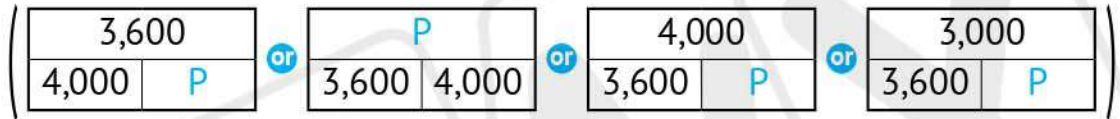
1 Complete the following:

- a** $27,957 \approx 30,000$ (To the nearest)
- b** $27 + 19 = 19 + \dots$ "..... Property"
- c** $245 + 243 = \dots + 245$
- d** Six milliard, eight hundred fifteen million, four hundred thousand, thirty = (standard form)

2 Choose the correct answer:

- a** $(8 \times 100,000,000) + (8 \times 1,000) = \dots$
(88,000,000 or 808,000 or 800,008,000 or 800,800,000)

- b A store has 4,000 toys, and 3,600 toys are left. If P represents the number of sold toys, which bar model represents this equation?



- c If the place value of the digit 5 is the Ten Thousands, then its value is
(50 or 500 or 50,000 or 50,000,000)

- d $75 - 49 = 74 -$ (50 or 48 or 98 or 99)

3 Compare using ($<$, $=$ or $>$):

- a Five hundred seventy thousands, ninety-eight $500,000 + 70,000 + 90 + 8$
- b Six milliard, two hundred thousands $6,000,000,000 + 200$
- c Four hundred fifty two millions, six hundred ninety-five $4,520,003,695$
- d $290 + 530$ $732 + 88$

4 Answer the following questions:

- a Write the number 6,254,835 in the decomposed form:

.....

.....

- b Sarah had 6,250 pounds, she bought a mobile for 4,630 pounds.
How many pounds are left with Sarah?

.....

.....

- c Arrange the following numbers in an ascending order:

354,456 , 345,456 , 345,465 , 354,465

..... , , ,

Assessment

on Unit

3



First: Choose the correct answer:

- 1 The best unit for measuring the **height** of a **class** is
a meters **b** centimeters **c** millimeters **d** kilometers
- 2 The best unit for measuring a **dog's mass** is
a grams **b** centigrams **c** milligrams **d** kilograms
- 3 The best unit for measuring a **car's fuel tank** is
a liters **b** centiliters **c** milliliters **d** dekaliters
- 4 The time is now **10:25**,. What will the time be after **fifty** minutes?
.....
a 10:50 **b** 10:15 **c** 11:25 **d** 11:15
- 5 **120 hours** = **days**
a 2 **b** 6 **c** 5 **d** 12
- 6 The is one of the **graduated scales** that we see in our daily lives.
a car **b** mobile phone **c** balance **d** calculator
- 7 The **height** of Cairo Tower is **198** meters. How high is it in centimeters?
a 198 cm **b** 1,980 cm **c** 19,800 cm **d** 198,000 cm
- 8 If Shaimaa's weight is **65** kilograms and **500** grams, then her weight in grams is
a 565 g **b** 650,500 g **c** 65,000,500 g **d** 65,500 g
- 9 "**20 to 3**", represented on the digital clock as :
a 3:20 **b** 2:40 **c** 2:20 **d** 4:20
- 10 If a fish tank contains **20** liters and **250** milliliters of water, then the **volume** of the water in the tank in milliliters is
a 20,250 mL **b** 2,250 mL **c** 25,020 mL **d** 2,025 mL

Second: Complete the following:

- ① 10 meters and 25 centimeters = centimeters
- ② 20,015 meters = kilometers and meters
- ③ 15,040 grams = kilograms and grams
- ④ 400,020 milliliters = liters and milliliters
- ⑤ 4 kilometers = meters
- ⑥ 20,000 grams = kilograms
- ⑦ 500 liters = milliliters
- ⑧ $6:45 + 2:28 = \dots\dots\dots :$
- ⑨ $8:00 - 7:37 = \dots\dots\dots :$
- ⑩ 250 minutes = hours and minutes

Third: Complete using (< , = or >):

- ① 7 weeks 45 days
- ② 3 days 46 hours
- ③ 2 hours 150 minutes
- ④ 4 minutes 240 seconds

Fourth: Arrange the following lengths in an ascending order:

400 cm , 40 m , 4 dm , 4 km

..... , , ,

Fifth: Salah has been in football training for two hours and 30 minutes. If Salah goes to training three days a week, how many minutes does he spend in training per day? And how many minutes does Salah spend in training per week?

.....

Assessment 1

1 Complete the following:

- a $300,750 = (3 \times \dots) + (7 \times \dots) + (5 \times \dots)$
- b $12,000 = 10 \text{ times of } \dots$
- c $5,065 \text{ cm} = \dots \text{ m}, \dots \text{ cm}$
- d $27,957 \approx 30,000$ (To the nearest \dots)

2 Choose the correct answer:

- a Which of the following represents the Commutative Property of Addition?
 $(635 + 492 = 492 + 635 \text{ or } 0 + 847 = 847 \text{ or } (18 + 2) + 16 = 36 \text{ or } 1 + 131 = 132)$
- b The additive identity is \dots (0 or 1 or 2 or 3)
- c If $9 + X = 27$, then $X = \dots$ (927 or 36 or 18 or 3)
- d A kilogram is a measurement unit of the \dots .
 (volume or height or mass or capacity)

3 Compare using ($<$, $=$ or $>$):

- a Four hundred fifty-two million, six hundred ninety-five \dots 4,520,003,695
- b 4,000 grams \dots 40,000 kilograms
- c 2 \dots 100,000 - 99,999
- d 72 hours \dots 3 days

4 Answer the following questions:

- a Write the number (2 million, 235 thousand, 624) in the expanded form.

- b** The distance between Samah's house and her school is 2 km.

What is the distance in meters, decimeters, and centimeters?

2 km = m = dm = cm

- c** Salma trains to swim for an hour and 15 minutes. If she starts training at 5:35, when will Salma finish training?

.....

- d** $3:45 + 2:15 =$:

Assessment 2

1 Complete the following:

- a** If $X - 20 = 30$, then $X =$
- b** 155 cm = dm, cm
- c** $2,617 - 1,716 =$
- d** The additive identity element is

2 Choose the correct answer:

- a** 8 L = mL (8 or 8000 or 80 or 800)
- b** The largest number that can be formed from the digits (5, 3, 4, 7, 0, 6) is (534,706 or 765,430 or 706,543 or 304,567)
- c** The smallest 9-digit number <
 (one milliard or 100 million or 999 thousand or 999 million)
- d** The gram is the best unit for measuring the mass of a
 (ring or child or car or chair)

3 Compare using ($<$, $=$ or $>$):

- | | |
|---|----------------|
| a $(3 \times 1,000,000,000) + (3 \times 10)$ | 3,000,003,000 |
| b 23,023 mL | 23L,23 mL |
| c Milliard | 1,000,000,0000 |
| d 1000 mL | 100 liters |

4 Match:

- | | |
|------------------------------|-----------------------|
| a 2 days , 12 hours • | • 60 days 1 |
| b 8 weeks , 4 days • | • 60 minutes 2 |
| c 1 minute • | • 60 hours 3 |
| d 1 hour • | • 60 seconds 4 |

5 Answer the following questions:

- a** The fish tank can be filled with 50 liters of water. If the tank contains 35 liters and 130 milliliters, how much water do we need to fill the tank?

- b** If the weight of Hala is 65 kg and 250 g. What is the weight of Hala in grams?

Assessment on Unit 4



First: Choose the correct answer:

- 1 A rectangle of 8 cm length and 6 cm width, its **perimeter** is cm.
a $8 + 6 + 8 + 6$ **b** $8 \times 6 \times 8 \times 6$ **c** $8 \times 6 \times 2$ **d** $8 + 6 + 2$
- 2 A rectangle has a length of 9 cm and a width of one third of its length, then its **area** = cm^2 .
a 12 **b** 27 **c** 24 **d** 36
- 3 A square has an area of 64 cm^2 , then its **perimeter** = cm.
a 8 **b** 16 **c** 32 **d** 64
- 4 A square has a perimeter of 28 cm, then its **area** = cm^2 .
a 49 **b** 14 **c** 7 **d** 21
- 5 A rectangle has a perimeter of 24 cm and a length of 9 cm, then its **area** is cm^2 .
a 3 **b** 31 **c** 12 **d** 27
- 6 Which of the following is a formula for the **perimeter of a rectangle**?
a $P = L + W + 2$ **b** $P = (L \times W) \times 2$
c $P = (L \times 2) + (W \times 2)$ **d** $P = (L \times W) + 2$
- 7 Which of the following is a formula for the **perimeter of a rectangle**?
a $P = L + W + L + W$ **b** $P = L \times 2 \times W \times 2$
c $P = (L + 2) \times (W + 2)$ **d** $P = (L + W) + 2$
- 8 Which of the following is a formula for the **area of a rectangle**?
a $A = L \times W$ **b** $A = L \times W \times 2$
c $A = L + W$ **d** $A = L + W + 2$

Final Revision

- 9 The area of a rectangle whose length is 9 cm and its width is 4 cm is **equal** to the area of a square that has a **perimeter** of cm.
- a 24 b 36 c 13 d 18
- 10 The perimeter of a square that has an area of 25 cm² is equal to the perimeter of a rectangle whose **dimensions** are
- a 12 cm, 13 cm b 8 cm, 12 cm
c 6 cm, 4 cm d 5 cm, 5 cm

Second: Complete the following:

- 1 A rectangle of 15 m length and 10 m width, its **perimeter** is
- 2 If a square has a 6 cm side length, then its **perimeter** is
- 3 A square whose sides are 7 mm has a **surface area** of mm².
- 4 A rectangle has a length of 8 cm and a width of 4 cm. Its **surface area** is cm².
- 5 A rectangle has a perimeter of 18 cm and a length of 7 cm, then its **area** is cm².
- 6 If a rectangle has an area of 72 cm² and a width of 8 cm, then its **perimeter** is
- 7 If a square has a perimeter of 36 cm, then its side **length** is cm.
- 8 If a square has an area of 36 cm², then its side **length** is cm.
- 9 If a square has a perimeter of 16 cm, then its **area** is cm².
- 10 If a square has an area of 64 cm², then its **perimeter** is cm.

Third: Answer the following:

1 Calculate the **area** and **perimeter** of each of the following shapes:

(Show your steps)

a



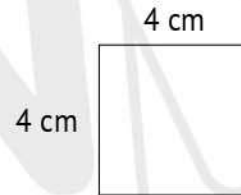
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b



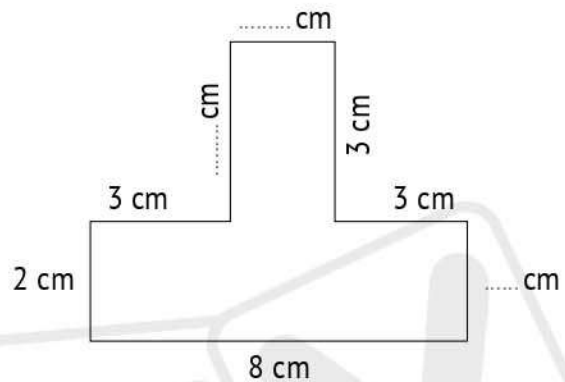
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c



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2 The length of Fatima's rectangular garden is **three times** its width.

If (**W**) is the width, write an equation that can represent the perimeter of Fatima's garden.

.....

.....

3 Adam has a rectangular computer keyboard that is **40 cm** long and **15 cm** wide. How can Adam calculate the perimeter of the keyboard?

.....

.....

Assessment 1

1 Complete the following:

- a A square has a side length of 6 cm, then its perimeter is
- b 3 weeks and 1 day = days
- c Using the opposite bar model, $m =$
- d $27,957 \approx 30,000$ (To the nearest)

526	
200	m

2 Choose the correct answer:

- a A rectangle has a length of 7 cm and a width of 5 cm. Its perimeter is cm. (97 or 13 or 35 or 24)
- b 4 liters and 15 milliliters = milliliters (4,150 or 4,015 or 40,015 or 415)
- c The additive identity is (1 or 0 or 10 or 60)
- d $12 \text{ Millions} + 15 \text{ Thousands} + 20 =$ (201,512 or 20,015,012 or 121,520 or 12,015,020)

3 Compare using ($<$, $=$ or $>$):

- a $456,258 + 543,742$ The greatest 7-digit number
- b 1 milliard 1,000,000,000
- c 6 min, 4 sec 4 min, 6 sec
- d The perimeter of a square of side length 6 cm The perimeter of a rectangle of dimensions 7 cm and 5 cm

4 Answer the following questions:

- a** A square picture has a side length of 30 cm. What is the perimeter of the frame for this picture?
-
-
- b** Mohamed bought a laptop for 5,250 LE and a mobile for 2,750 LE. If he had 10,000 LE, how much money would be left with him?
-
-
- c** A rectangular room is 10 meter long and 5 meter wide, find the perimeter and area of the room.
-
-

Assessment 2

1 Complete the following:

- a** 5 m, 5 dm = dm
- b** 74,632 \approx (To the nearest 1,000)
- c** $84 + 37$ (To the nearest 10) + =
- d** Perimeter of the rectangle: $P = (\dots + \dots) \times 2$

2 Choose the correct answer:

- a** Omar had 4,500 pounds, and after two years, the amount he had has been ten times. How much money does Omar have now?
(9,000 or 4,510 or 45,000 or 45,004,500)
- b** The smallest 6-even-digit number is
(999,998 or 100,003 or 100,000 or 102,254)

c The best unit for measuring the length of an insect is
(decimeters or meters or centimeters or millimeters)

d A square has a side length of 8 cm, then its area is cm^2 .
(88 or 32 or 64 or 16)

3 Compare using ($<$, $=$ or $>$):

- | | |
|-----------------------------------|----------------|
| a 900 Thousands | 90 Millions |
| b $10,000 + 8,000 + 200 + 80 + 7$ | $18,654 - 367$ |
| c The number of days of the week | 10 |
| d 23,023 mL | 23 L, 23 mL |

4 Answer the following questions:

a A square picture has a side length of 8 cm. Hussein wants to make a piece of glass to cover this picture, What is the area of the glass piece?

b Lina bought 30 Kg of mango, the price of 1 kg is 24 pounds. How much money did she pay?

c $4,000 - 2,352 =$

Assessment on Unit

5



First: Choose the correct answer:

- 1 The equation $18 = 3 \times b$ represents the comparison
- a 18 is 6 times more than b
 - b 3 is 18 times more than b
 - c 18 is 3 times more than b
 - d b is 3 times more than 18
- 2 $8 + 8 + 8 + 8 + 8 =$
- a 8×8
 - b $8 + 8$
 - c $8 + 5$
 - d 8×5
- 3 $6 \times 4 =$
- a $6 + 6 + 6 + 6$
 - b $6 \times 6 \times 6 \times 6$
 - c $4 + 4 + 4 + 4$
 - d $4 \times 4 \times 4$
- 4 If $5 \times 7 = x$, then
- a x is 7 times more than 7
 - b x is 5 times more than 7
 - c 5 is 7 times more than x
 - d x is 5 times more than 5
- 5 The **equation** that represents "**12 is 3 times as many as m** " is
- a $12 = 3 \times m$
 - b $m = 3 \times 12$
 - c $3 = 12 \times m$
 - d $m = 36 \times 3$
- 6 The equation that represents "**28 is 4 times greater than n** " is
- a $28 = 4n$
 - b $28n = 4$
 - c $28 = 4 + n$
 - d $28 - n = 4$
- 7 If $8 \times 5 = a \times 8$, then $a =$
- a 40
 - b 8
 - c 5
 - d 64

Final Revision

8 $200 \times \dots = 10,000$

a 5

b 50

c 500

d 5,000

9 $8 \times 5 \times 4 = (8 \times 5) \times 4 = \dots \times 4$

a 40

b 8

c 20

d 10

10 $8 \times 500 = 40 \times \dots$

a 5

b 100

c 10

d 1,000

Second: Complete the following:

1 $3 \times 4 \times 5 = 3 \times \dots$

2 $9 \times 3 = \dots + \dots + \dots$

3 The equation that represents "36 is 4 times greater than n " is \dots

4 If $5\chi = 35$, then $\chi = \dots$

5 $20 \times 50 = 50 \times \dots$

6 $\dots = 80 \times 500$

7 $600 \times \dots = 30,000$

8 $(5 \times 8) \times 6 = \dots \times \dots = \dots$

9 $6 \times 30 = 18 \times \dots = \dots$

10 $9 \times \dots = 36 \times 100 = \dots$

Third: Write an equation for the following comparisons.

Use **letters** to represent the unknown, then find their values:

1 m is 8 times greater than 6.

Equation: \dots . Solution: \dots .

2 24 is 8 times more than n .

Equation: \dots . Solution: \dots .

3 21 is a times as many as 3.

Equation: \dots . Solution: \dots .

4 x is 6 times greater than 7.

Equation: \dots . Solution: \dots .

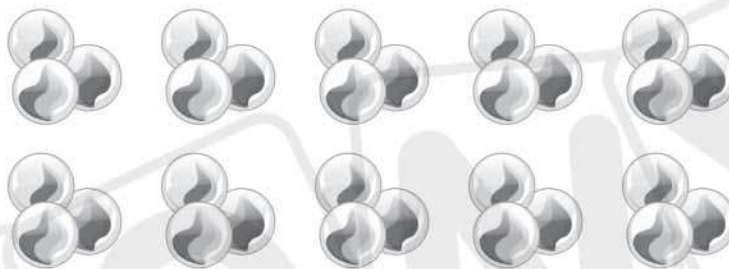
Fourth: Answer the following:

- a** Mahmoud has 20 crayons, which is 5 times more than the number of crayons that Hazem has. How many crayons does Hazem have?

Write a multiplication equation representing this problem, and then solve it.

- b** Nader has 12 oranges. Write an equation using the **Commutative Property of Multiplication** to describe the two ways in which he can arrange the oranges.

- c** Use the **Associative Property of Multiplication** to calculate the number of marbles in the following picture.



Assessment 1

1 Complete the following:

- a – 420 = 120
- b $36 + 35 = 35 + 36$. The property used is property.
- c 9 m, 2 cm = cm
- d The number that comes just before 9,000,000 is

2 Choose the correct answer:

- a The digit 8 in 214,284,697 is in the place.
(Ones or Tens or Ten Thousands or Ten Millions)
- b $91,024 + 32,549 =$
(123,563 or 321,547 or 123,573 or 123,654)
- c 5,000 milliliters = liters (5 or 50 or 500 or 5,000)
- d If $3x = 9$, then $x =$ (3 or 27 or 12 or 6)

3 Compare using (< , = or >):

- | | |
|---|---|
| a 3000 m | 3 km |
| b The area of a square with side length of 6 cm | The area of a rectangle with dimensions 8 cm and 4 cm |
| c 10 Hundreds | 20 Tens |
| d 30×100 | 300 Hundreds |

4 Answer the following questions:

- a** A painting is 5 meters in length and 2 meters in width. Find the perimeter of the necessary frame for this painting.

- b** If the weight of Hala is 65 kg and 250 g. What is the weight of Hala in grams?

Assessment 2

1 Complete the following:

- a** The additive identity element is
- b** 108 mm = cm, mm
- c** A rectangle has a length of 5 cm and a width of 3 cm, its perimeter is cm .
- d** 5 times greater than 3 is Equation:

2 Choose the correct answer:

- a** Four milliard, six hundred five million, ninety thousand, fifteen =
(4,065,090,015 or 4,650,900,015 or 4,605,090,015 or 9,506,415)
- b** is the measurement of the distance around the shape.
(Perimeter or Area or Square or S X S)
- c** $8 + 8 + 8 + 8 =$ ($8 + 8$ or 8×8 or 8×4 or $8 + 4$)
- d** $7 \times (3 \times 5) = ($ $\times 3) \times 5$ (21 or 7 or 5 or 3)

3 Compare using ($<$, $=$ or $>$):

- | | |
|------------------------------|-----------------------------|
| a 240 | 6×400 |
| b 7,000 g | 18 kg |
| c 5 Millions | 5,000 Hundreds |
| d $456,258 + 543,742$ | The greatest 7-digit number |

4 Answer the following questions:

- a** Ola's age is **three times** Maha's age. If Maha is **5** years old, then how old is Ahmed?

- b** A city is in the shape of a rectangle. It is **4** kilometers wide and **8** kilometers long. What is the area of this city?

- c** The fish tank can be filled with **50** liters of water. If the tank contains **35** liters and **130** milliliters, how much water do we need to fill the tank?

Assessment on Unit

6



First: Choose the correct answer:

- 1 The number of **factors** of 16 is
a 3 **b** 4 **c** 5 **d** 6
- 2 17 is a **prime** number because
a it has one factor only **b** it has two factors only
c it has no factors **d** it has more than two factors
- 3 The number that has the **factors** (1, 2, 3, 4, 6, 8, 12, 24) is
a 8 **b** 12 **c** 24 **d** 36
- 4 The **smallest odd** prime number is
a 0 **b** 1 **c** 2 **d** 3
- 5 The **greatest common factor** of 24 and 36 is
a 6 **b** 12 **c** 4 **d** 3
- 6 is a **common multiple** of 8 and 6.
a 12 **b** 16 **c** 48 **d** 36
- 7 If $6 \times 8 = 48$, then
a 48 is a multiple of 6 and 8 **b** 48 is a factor of 6
c 48 is the sum of 6 and 8 **d** 6 is a factor of 8
- 8 is an **odd** number and a **multiple** of the two numbers 5 and 7.
a 70 **b** 49 **c** 35 **d** 25
- 9 is an **even** number and a **multiple** of the two numbers 5 and 3.
a 15 **b** 45 **c** 60 **d** 50
- 10 is an **even** number, and (2, 3, 6, 9) are of its **factors**.
a 30 **b** 24 **c** 45 **d** 36

Second: Complete the following:

- 1 The **factors** of 14 are
- 2 The **smallest odd** prime number is
- 3 The **prime numbers** between 20 and 40 are, and
- 4 The number that has **two factors only** is called a number.
- 5 The **smallest** two-digit prime number is
- 6 2 is a factor of a number if the **Ones** digit of this number is
- 7 Multiples of 6, up to 20 are
- 8 The **common multiples** of 4 and 6 between 20 and 50 are
- 9 The relationship between the numbers 5, 6 and 30 is that 30 is a for 5 and 6.
- 10 is a prime number and the sum of its factors is 8.

Third: Find the greatest common factor for 40 , 32:

The factors of 40:

.....

The factors of 32:

.....

The **common factors** are:

The **greatest common factor** (GCF) is:

Fourth: Find the **multiples** of **6** and **8**, up to **50**, then find the **common multiples** between them:

The **multiples** of 6 are:

The **multiples** of 8 are:

The **common multiples** of the two numbers are:

Fifth: There is an alarm that rings every **3** hours and another alarm that rings every **two** hours. If they ring together at **12:00**, when will they ring again together? (Show your steps)

.....

.....

.....

.....

.....

Sixth: Hana has **12** red balloons, **18** blue balloons, and **24** white balloons. Hana wants to form **equal groups** of balloons, so that all groups contain the same number of balloons of different colors. How many groups can be formed? How many balloons of each color are in each group?

.....

.....

.....

.....

.....

Assessment 1

1 Complete the following:

a 725 dm = m, dm

b In the opposite model, $m =$

c The number that comes just before 9,000,000 is

d A rectangle has an area of 32 cm^2 and a width of 4 cm. Its perimeter is cm.

m	
1,000	333

2 Choose the correct answer:

a 4 Billions = Ten Thousands

(400 or 4,000 or 40,000 or 400,000)

b $3,425 + 4,768 - 193 =$

(8,000 or 80 or 800 or 8)

c A square has a side length S and perimeter P , the equation that represents the perimeter is

($P = S + S$ or $P = S \times S$ or $P = S + 4$ or $P = 4 \times S$)

d 2,500 centimeters = meters (25 or 250 or 25,000 or 2,500)

3 Compare using ($<$, $=$ or $>$):

a The multiple of all numbers

The factor of all numbers

b 6 min, 4 sec

4 min, 6 sec

c 240×100

600×400

d Double of 8

Triple of 5

4 Answer the following questions:

- a** If the price of one pen is 3 pounds, what is the price of 7 pens?

.....

.....

- b** A rectangle is 6 cm long and 4 cm wide. Write an equation that shows the area of the rectangle, then find the area.

.....

.....

- c** Saleh has 15 apples and his sister Hala has 5 apples.

How many more times does Saleh have the same number of apples as Hala?

Equation:

Answer:

- d** A person needs about 4 liters of water per day.

How many milliliters of water does a person need per day?

.....

.....

Assessment 2

1 Complete the following:

- a** The value of the variable in the equation: $X - 1,250 = 3,000$

is

- b** A garden is in the shape of a square whose sides are 10 meters, then its perimeter = meter.

- c** 45 is times as many as 5

- d** The GCF of 12 and 18 is

2 Choose the correct answer:

- a The value of the digit 3 in the Hundred Millions place is
(3 00 or 3,000 or 300,000 or 300,000,000)
- b $613 - 247 =$ (567 or 434 or 366 or 807)
- c $5 \times 50 =$ $\times 10$ (5 or 25 or 10 or 250)
- d A number is 3 times greater than 7 , then the number is
(10 or 4 or 21 or 11)

3 Compare using (< , = or >):

- a number of factors of 4 number of factors of 9
- b The multiple of all numbers The factor of all numbers
- c 240 6×400
- d 84 L, 84 mL 48 L, 48 mL

4 Answer the following questions:

- a A water tank contains 500 liters of water. A family used 125 liters and 500 milliliters on one day and used 250 liters and 600 milliliters the other day. How much water is left in the tank?
-
-

- b Sameh's book is 30 cm long. The cover of Sameh's book has a perimeter of 100 cm. What is Sameh's book width?
-
-

- c If the price of one pen is 3 pounds, what is the price of 7 pens?
-
-

Assessment

on Unit

7



First: Choose the correct answer:

1 The **rectangle area model** that represents " 23×8 " is

a

2

3

$8 \times 2 = 16$	$8 \times 3 = 24$	8
-------------------	-------------------	---

b

20

3

$80 \times 20 = 1,600$	$80 \times 3 = 240$	80
------------------------	---------------------	----

c

2

30

$8 \times 2 = 16$	$8 \times 30 = 240$	8
-------------------	---------------------	---

d

20

3

$8 \times 20 = 160$	$8 \times 3 = 24$	8
---------------------	-------------------	---

2 $4 \times (200 + 30 + 5) = 4 \times$

a 235

b 10

c 523

d 940

3 $(5 \times 7) + (5 \times 30) + (40 \times 7) + (40 \times 30) =$ X

a 57×43

b 45×37

c 47×35

d 43×75

4 $(8 \times 6) + (8 \times 20) + (8 \times 100) =$ X

a 8×621

b 8×18

c 8×126

d $8 \times 62,000$

5 $62 \times 50 =$

a $(60 \times 50) + (2 \times 50)$

b $(6 + 2) \times 50$

c $60 + 2 + 50$

d $60 \times 2 \times 50$

6 The following **rectangle area model** represents

a 3×37

b 3×307

c 30×37

d 30×307

X	30	7
30	900	210

7 The quotient of $157 \div 5$ is between and

a 0 – 100

b 100 – 200

c 200 – 300

d 300 – 400

8 The number of digits of the quotient of $2,542 \div 6$ is

a 1

b 2

c 3

d 4

Final Revision

- 9 The number that, if divided by 7, has a quotient of 24, and the remainder is 3, is
- a 168 b 171 c 72 d 165
- 10 If the area of a rectangle is 104 cm^2 , and its width is 8 cm, then its length is cm.
- a 13 b 44 c 832 d 26

Second: Complete the following:

- 1 $4,257 = 4,000 + 200 + \dots + \dots$
- 2 $80 \times 900 = \dots$
- 3 If $8 \times 5 = 40$, then $40,000 \div 8 = \dots$
- 4 $6 \times \dots = 30,000$
- 5 The number that if divided by 8, the quotient will be 200 is
- 6 The estimation of 32×24 is \times =
- 7 The remainder of $49 \div 6$ is
- 8 $75 = (12 \times \dots) + 3$
- 9 The quotient of $945 \div 4$ is between and
- 10 $800 \times 30 = 24 \times \dots$

Third: Use the rectangle area model strategy to solve the following problems:

1 78×3

2 8×245

3 40×234

4 36×40

5 $92 \div 4$

6 $849 \div 5$

Fourth: Use the **multiplication/division partial algorithm** to solve the following problems:

1 98×6

2 145×7

3 80×315

4 70×29

5 $72 \div 2$

6 $1,125 \div 5$

Fifth: Use the **standard multiplication/division algorithm** to solve the following problems:

1 6×29

2 3×125

3 96×17

4 $84 \div 6$

5 $981 \div 9$

6 $2,436 \div 4$

Sixth: Use the **Distributive Property** to solve the following problems:

1 $7 \times 45 = 7 \times (\dots + \dots) = (\dots \times \dots) + (\dots \times \dots)$
 $= \dots + \dots = \dots$

2 $5 \times 145 = 5 \times (\dots + \dots + \dots)$
 $= (\dots \times \dots) + (\dots \times \dots) + (\dots \times \dots)$
 $= \dots + \dots + \dots = \dots$

$$\begin{aligned}
 \textcircled{3} \quad 8 \times 2,543 &= 8 \times (\dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots) \\
 &= (\dots\dots \times \dots\dots) + (\dots\dots \times \dots\dots) + (\dots\dots \times \dots\dots) + (\dots\dots \times \dots\dots) \\
 &= \dots\dots\dots + \dots\dots\dots + \dots\dots\dots + \dots\dots\dots = \dots\dots\dots
 \end{aligned}$$

Seventh: Answer the following using the **appropriate strategy**:

- a** The school bus can accommodate **45** students. If the school has **5** buses, and each bus makes **two** trips in the morning, how many students can be transported by all **5** buses in the two trips?

- b** Ahmed bought a car for **290,000** pounds, of which he paid **80,000** pounds as a down-payment, and the rest of the car's price will be paid in **7 equal** installments. How much is one installment?

- c** April has **30** days. How many hours are there in this month?

- d** A charity association wants to distribute **3,168** pounds among **8** people. How much is the share of one person?

Assessment 1

1 Complete the following:

- a The factors of 28 are
- b $8 \times \dots = 40,000$
- c $1,800 \div 5 = \dots$
- d $44,349 = \dots$ *(In expanded form)*

2 Choose the correct answer:

- a $60,000 = \dots$ Thousands (6 or 60 or 600 or 6,000)
- b $45 + 0 = 45$ (..... Property)
(Distributive or Identity Element or Commutative or Associative)
- c The value of x in the equation $200 + x = 62,340$ is
(62,540 or 60,340 or 62,320 or 62,140)

3 Compare using ($<$, $=$ or $>$):

- | | |
|---|---|
| a 23,023 mL | 23 L, 23 mL |
| b 20 Thousands | 500×40 |
| c $0 \times 5 \times 400$ | $5 \times 4 \times 3$ |
| d The number of factors of a composite number | The number of factors of a prime number |

4 Answer the following questions:

- a If the length of a bus is 1,280 centimeters, how long are 3 buses?
(Use the Distributive Property)

Assessment 2

1 Complete the following:

- a $7 + 6 = \dots + 7$ “..... Property”
- b $154 + 318$ (To the nearest 100) + =
- c 600,000 grams = kilograms
- d $1 \times 6 = \dots$

2 Choose the correct answer:

- a The place value of the digit 7 in 251,475,253 is
(Thousands or Tens or Ten Thousands or Ten Millions)
- b $25 + 75 = 75 + 25$ “..... Property”
(Distributive or Identity Element or Commutative or Associative)
- c Numbers 7 and 49 in correctly,
(7 is a multiple of 49 or 7 is a factor of 49 or
49 is a factor of 7 or 7 equals 9 times 49)
- d The common multiples of 2 and 3 together are multiples of the
number (5 or 7 or 8 or 6)

3 Compare using ($<$, $=$ or $>$):

- a 20×50 8×125
- b 1600×10 16 Thousands
- c $450 \div 5$ $350 \div 7$
- d 25×0 $4 \times (2 \times 0)$

4 Answer the following questions:

a The price of one pen is 90 piasters. How much are 20 pens?

b Hisham bought 7 kg of oranges, the price of one kilogram was 525 piasters. How much did Hisham pay for the oranges?

(Use the Distributive Property)

c A train has 8 cars. If the number of seats in one car is 64, how many seats does the train have?

احرص
على اقتناء كتاب
الأستاذ

سلسلة كتب الأستاذ

في
اللغة
العربية

للفصل الرابع الابتدائي

Assessment on Unit 8



First: Choose the correct answer:

1 $302 \times 20 = \dots\dots\dots$

a 6,400

b 600

c 6,040

d 60,400

2 $5 + 5 \times 5 - 5 = \dots\dots\dots$

a 25

b 45

c 5

d 0

3 $6 \times 5 \times 3 + 2 = \dots\dots\dots$

a 92

b 150

c 35

d 180

4 $(36 \div 4) + 3 \div 3 = \dots\dots\dots$

a 10

b 46

c 4

d 12

5 $48 \div (18 \div 3) + 4 = \dots\dots\dots$

a 12

b 63,235

c 42,307

d 50,006

6 $\dots\dots\dots = 3$

a $3 + (2 \times 4)$

b $(13 - 4) \div 3$

c $7 \times (3 + 2)$

d $45 \div 2 - 2$

7 $(6 + 12) \div (3 - 2) = \dots\dots\dots$

a 8

b 18

c 4

d 10

8 $(9 + 6) \times 2 \div 3 = \dots\dots\dots$

a 13

b 15

c 20

d 10

9 $7 - 7 \times 7 \div 7 = \dots\dots\dots$

a 0

b 49

c 14

d 21

Final Revision

Second: Find the result:

1 $80 \times 240 =$

2 $92 \times 5 =$

3 $868 \div 7 =$

4 $5,231 + 6,427 =$

5 $78029 - 32,171 =$

Third: Complete using (<, = or >):

1 100×40

50×80

2 $847 \div 7$

$655 \div 5$

3 $5 + 5 \times 8$

$5 \times 5 + 8$

4 $2,000 + 3,100$

$4,050 + 1,050$

Fourth: Match:

1 10×100

a 153

2 5

b $9,000 \div 1,000$

3 $4 \times (3 + 2) - 6$

c $(7 \times 4) - 23$

4 $306 \div 2$

d 14

5 9

e 20×50

Fifth: Complete the following:

1 The remainder of $97 \div 9$ is

2 If $3 \times 8 + a = 30$, then $a =$

3 The number that if divided by 7, the quotient will be 5 and the remainder is 4, is

4 There are 21 boys and 24 girls in the class, their teacher wants to divide them into 5 groups.

How many students will be in each group?

Assessment 1

1 Complete the following:

- a $12 \div 4 + 15 \div 3 = \dots\dots\dots = \dots\dots\dots$
- b If $40 \div 8 = 5$, 5 is called $\dots\dots\dots$
- c The only even prime number is $\dots\dots\dots$
- d $9 \times n = 7 \times 9$, $n = \dots\dots\dots$

2 Choose the correct answer:

- a Six hundred and fifty million, thirteen thousand, five hundred, twenty-six (*In standard form*) = $\dots\dots\dots$
(605,130,516 or 605,013,516 or 650,013,526 or 6,513,516)
- b $56 + \dots\dots\dots = 54 + 100$ (102 or 98 or 154 or 200)
- c $3 \times 2 + 8 \times 2 = \dots\dots\dots$ (23 or 24 or 22 or 32)
- d $5 \times (400 + 3 + 70) = 5 \times \dots\dots\dots$ (400,370 or 437 or 473 or 374)

3 Compare using ($<$, $=$ or $>$):

- | | | | |
|----------------|--------------|-----------------|-----------------------|
| a $450 \div 5$ | $350 \div 7$ | b 18×5 | $6 \times 3 \times 5$ |
| c 510 Hundreds | 20 Tens | d 1 hour | 500 minutes |

4 Answer the following questions:

The day is 24 hours, how many hours are there in a week?

.....

.....

- b Find the GCF of 36 and 48.

.....

.....

- c** Sara bought 3 meters of cloth for 189 pounds. What is the price of one meter of this cloth?
-
-

Assessment 2

1 Complete the following:

- a** $(5 \times 6) + (5 \times 20) = 5 \times$
- b** The factors of 23 are and
- c** 56 is 7 times
- d** Hundreds = 400×50

2 Choose the correct answer:

- a** $(4 \times 1,000,000,000) + (5 \times 10,000,000) + (3 \times 1,000,000)$
 $+ (4 \times 1,000) + (5 \times 100) + (3 \times 1) =$ (In standard form)
 (453,453 **or** 4,053,004,503 **or** 4,053,000,453 **or** 4,530,045,003)
- b** $0 + 215 = 215$ “..... Property”
 (Identity Element **or** Rounding **or** Associative **or** Distributive)
- c** If $40 \div 8 = 5$, then 8 is called
 (divisor **or** dividend **or** quotient **or** remainder)
- d** $24 \div 4 + 6 \div 3 =$ (4 **or** 8 **or** 19 **or** 2)

3 Compare using ($<$, $=$ or $>$):

- | | |
|------------------------------------|------------------------------|
| a $2,500 \div 5$ | $45,000 \div 9$ |
| b Value of x in $3x = 27$ | value of x in $x + 3 = 30$ |
| c $9 - (5 - 2)$ | $9 - 5 - 2$ |
| d 23,023 mL | 23 L, 23 mL |

4 Answer the following questions:

a $95 \times 14 =$

b A candy box contains 15 pieces. How many candy pieces in 9 similar boxes?

c Find the GCF of 10 and 15.

d An apartment building has 20 floors. If each floor has 18 apartments, what is the total number of apartments in the building?



First: Choose the correct answer:

- 1 The **value** of the digit 7 in 125,357 is
 a 7 b 70 c 700 d 7,000
- 2 3,400,003,025 =
 a 3 milliard + 400 million + 300 thousand + 25
 b 3 milliard + 4 million + 3 thousand + 25
 c 3 milliard + 400 million + 3 thousand + 25
 d 4 milliard + 300 million + 25 thousand + 3
- 3 275 Millions =
 a 275 b 275,000 c 275,000,000 d 200,070,005
- 4 The **smallest** 5-different-digit number is
 a 10,000 b 90,000 c 10,234 d 12,345
- 5 The **largest** number that can be formed from the digits 2, 7, 1, 0, 3 is
 a 30,217 b 70,321 c 73,210 d 10,237
- 6 $500 + 0 + 25 =$
 a 500,025 b 5,025 c 525 d 50,025
- 7 60 Hundred Thousands =
 a 60,000 b 600,000 c 6,000,000 d 6,000
- 8 4 Million = Ten Thousands
 a 400 b 4,000 c 40,000 d 400,000
- 9 The **value** of the digit 3 in 9,237,468,258 is
 a 3,000,000,000 b 300,000,000 c 30,000,000 d 3,000,000
- 10 The **smallest** number formed from the digits (5, 6, 7, 2, 0, 8) is
 a 876,250 b 205,678 c 678,205 d 567,208

- 11 The number 35,200,810 in **word form** is
- a thirty-five thousand, two hundred eighty-one
 - b thirty-five million, two hundred thousand, eight hundred, ten
 - c three hundred fifty-two million, eight hundred, ten
 - d thirty-five million, two thousand, eight hundred, ten
- 12 $(6 \times 1,000,000,000) + (6 \times 10,000,000) + (6 \times 10,000) + (6 \times 100) + (6 \times 10) = \dots\dots\dots$
- a 6,060,060,660
 - b 660,060,660
 - c 6,660,000,660
 - d 6,666
- 13 $3,000,000,000 + 50,000,000 + 12,000 + 245 = \dots\dots\dots$
- a 3,512,245
 - b 3,512,245
 - c 3,512,000,245
 - d 3,050,012,245
- 14 $5,000,000,000 + 500,000,000 + 50,000 + 500 = \dots\dots\dots$
- a 5,555
 - b 5,000,550,500
 - c 5,500,050,500
 - d 5,550,000,500
- 15 Three hundred five million, seven hundred thousand, sixteen =
- a 350,716,000
 - b 350,700,016
 - c 305,700,160
 - d 305,700,016
- 16 Five milliard, six million, nine thousand, seven =
- a 5,697
 - b 5,006,009,007
 - c 5,060,090,070
 - d 5,600,900,700
- 17 $(3 \times 100,000,000) + (3 \times 10,000,000) + (3 \times 100,000) + (3 \times 10,000) + (3 \times 100) + (3 \times 10) = \dots\dots\dots$
- a 33 million, 33 thousand, 33
 - b 303 million, 303 thousand, 303
 - c 330 million, 330 thousand, 330
 - d 333 thousands, 333

Final Revision

- 18 The **value** of the digit in the **Hundred Thousands** place than the value of the digit in the **Millions** place.
- a < b = c > d other
- 19 The smallest 9-digit number <
- a One milliard b 100 million c 999 thousand d 999 million
- 20 Two milliard, three thousand, three: *(In standard form)*
- a 2,300,300 b 2,000,003,003
c 2,000,303,000 d 2,003,003
- 21 906,456 \approx *(To the nearest 100,000)*
- a 906,000 b 1,000,000 c 910,000 d 900,000
- 22 6,587 \approx 6,600 *(To the nearest)*
- a 10 b 100 c 10,000 d 1,000
- 23 6,546 \approx 6,500 *(To the nearest)*
- a 10 b 100 c 1,000 d 10,000
- 24 The **expanded form** of the numeral 7,215,603 is
- a $3 + 60 + 5,000 + 10,000 + 200,000 + 7,000,000$
b $3 + 60 + 500 + 1,000 + 20,000 + 700,000$
c $3 + 600 + 5,000 + 10,000 + 200,000 + 7,000,000$
d $3 + 600 + 5,000 + 1,000 + 200,000 + 7,000,000$
- 25 3,000,000,020 in word form is
- a three milliards twenty b three billions twenty thousand
c 30,000,000 + 20 d 300,000,000 + 20
- 26 850 Hundreds = Tens
- a 80 b 85,000 c 8,500 d 80,000
- 27 3million , 6 thousand , 24 in the **standard form** is
- a 3,060,02 b 3,600,024 c 3,006,024 d 3,006,240

- 28 The digit in the **Hundred Thousands** place in 3,910,472 is
 a 1 b 2 c 4 d 9
- 29 The rounding of 256,109,470 to the nearest **Million** is
 a 260,000,000 b 256,000,000
 c 256,100,000 d 257,000,000
- 30 Which digit can be placed in the bubble to make the mathematical expression correct? $6,201,351 > 6, 20 \bigcirc, 351$
 a 0 b 1 c 2 d 3
- 31 Which number could be rounded to 62,000,000 when rounded to nearest 1,000,000?
 a 6,061,470,000 b 62,703,147 c 61,901,478 d 622,000,000
- 32 $(3 \times 50,000) + (3 \times 6,000) + (3 \times 500) + (3 \times 60) + (3 \times 7) = \dots\dots\dots$
 a $3 \times 56,657$ b $3 \times 56,567$ c $3 \times 65,567$ d $3 \times 56,765$
- 33 14 million 4 milliard
 a $>$ b $=$ c $<$ d \geq
- 34 The **value** of the digit 5 in 7,125,801 is
 a 50 b 500 c 5,000 d 50,000
- 35 The number 5,325 in the decomposed form is
 a $(3 \times 1000) + (5 \times 100) + (2 \times 10) + (5 \times 1)$
 b $(5 \times 1000) + (3 \times 100) + (2 \times 10) + (5 \times 1)$
 c $(5 \times 1000) + (2 \times 100) + (3 \times 10) + (5 \times 1)$
 d $(2 \times 1000) + (5 \times 100) + (3 \times 10) + (5 \times 1)$
- 36 Seven million, three hundred twenty six thousand in the **standard form** is
 a 7,236,000 b 7,326,000 c 7,000,236 d 7,000,326

Final Revision

- 37 3,752,000 three milliard twenty.
 a < b > c = d <
- 38 5 Millions = Millions
 a 5 b 50 c 500 d 5,000
- 39 500 Ten Thousands = Millions
 a 5,000 b 500 c 50 d 5
- 40 When approximating the number 3,999 to the nearest Ten is
 a 4,900 b 4,000 c 5,990 d 5,000
- 41 The greatest number can be formed from the digit 3, 9, 0, 5 is
 a 9,305 b 5,390 c 9,530 d 3,059
- 42 21 Hundreds =
 a 2,100 b 1,200 c 210 d 21,000
- 43 175,150 900,000
 a < b > c = d otherwise
- 44 $9 + 2 = 2 + 9$ *Property*
 a Identity Element b Commutative
 c Associative d Distributive
- 45 $(100 + 117) + 25 = 100 + (117 + 25)$ *Property*
 a Identity Element b Commutative
 c Associative d Distributive
- 46 $45 + 0 = 45$ *Property*
 a Identity Element b Commutative
 c Associative d Distributive
- 47 $25 + (75 + 26) = (25 + 75) + 26$ *Property*
 a Distributive b Identity Element
 c Commutative d Associative

48 $25 + 75 = 75 + 25$

a Distributive

c Commutative

b Identity Element

d Associative

49 The result of $559 + 107$ using the compensation strategy is

a $560 + 108 = 667$

c $550 + 100 = 650$

b $560 + 106 = 666$

d $500 + 100 = 600$

50 A store has 4,000 toys, and 3,600 toys are left. If P represents the number of sold toys, then which bar model represents this equation?

a

3,600	
4,000	P

b

P	
3,600	4,000

c

4,000	
3,600	P

d

3,000	
3,600	P

51 $613 - 247 =$

a 567

b 434

c 366

d 807

52 Maryam bought a novel containing 316 pages, she read 129 pages.

Which of the following bar models represents the remaining pages?

a

316	
129	X

b

129	
316	X

c

X	
316	129

d

316	
187	X

53 $65,400 - 8,912 =$

a 56,800

b 56,412

c 56,488

d 63,512

54 The additive identity is

a 1

b 0

c 10

d 60

55 The estimation of 6,563,235 using the Front-End Estimation strategy is

a 6,000,000

b 6,500,000

c 6,600,000

d 7,000,000

56 The additive neutral element is

a 3

b 2

c 0

d 1

Final Revision

- 57 $952 - 341 =$
 a 243 b 611 c 116 d 911
- 58 The additive identity element is
 a 2 b 1 c 3 d 0
- 59 $13 + 45 = 45 + 13$, the property used is the Property.
 a Associative b Commutative
 c Additive Identity Element d Zero
- 60 If $9 + X = 27$, then $X =$
 a 927 b 63 c 36 d 18
- 61 Round 8,424,214 to the nearest millions =
 a 8,000,000 b 9,500,000 c 8,500,000 d 7,000,000
- 62 The best unit for measuring the height of a child is
 a kilometers b meters c centimeters d millimeters
- 63 The best unit for measuring the **length** of an eraser is
 a millimeters b centimeters c meters d kilometers
- 64 6,000 **cm** 600 **m**
 a < b = c > d >
- 65 200,000 cm =
 a 2 km b 20 m c 200 dm d 200 mm
- 66 The **kilogram** is the best unit for measuring the mass of a
 a ruler b balloon c pencil d desk
- 67 The **liter** is a measurement unit of the
 a weight b capacity c mass d length
- 68 60 **liters** + 6 **milliliters** = **milliliters**
 a 606 b 60,006 c 60,060 d 66
- 69 6,000 **m** = **km**
 a 6000 b 600 c 60 d 6

70 $4 \text{ m} = \dots\dots\dots \text{ cm}$

a 40

b 400

c 4000

d 4

71 $3 \text{ dm} = \dots\dots\dots \text{ cm}$

a 3000

b 30

c 300

d 3

72 $50,000 \text{ m} \dots\dots\dots \text{ km}$

a 5

b 5000

c 500

d 50

73 The **largest** number that can be formed from the digits (5, 3, 4, 7, 0, 6) is $\dots\dots\dots$.

a 765,430

b 304,567

c 706,543

d 345,670

74 $5 \text{ kg} = \dots\dots\dots \text{ g}$

a 5,000

b 5

c 50

d 500

75 $20 \text{ km} = \dots\dots\dots \text{ meters}$

a 2

b 200

c 2,000

d 20,000

76 $8 + 12 = 12 + 8$

“ $\dots\dots\dots$ Property”

a Distributive

b Commutative

c Associative

d Neutral Element

77 $13 \text{ liters and } 30 \text{ mL} = \dots\dots\dots \text{ mL}$

a 1,330

b 13,030

c 43

d 3,013

78 $8 \text{ m}, 14 \text{ dm} = \dots\dots\dots \text{ dm}$

a 814

b 13

c 94

d 49

79 $8 \text{ hours} = \dots\dots\dots \text{ minutes}$

a 480

b 192

c 80

d 800

80 $4 \text{ L} + 4,000 \text{ mL} = \dots\dots\dots \text{ mL}$

a 8

b 8,000

c 4,400

d 4,000

81 $6500 \text{ g} = \dots\dots\dots \text{ kg}, \dots\dots\dots \text{ g}$

a 65 kg, 0 g

b 6 kg, 500 g

c 6 kg, 5 g

d 80 kg

Final Revision

- 82 $6:30 + 20 \text{ min} = \dots\dots\dots$
 a 7 hours b 6:50 c 6:10 d 6
- 83 The suitable mass of a cat is $\dots\dots\dots$.
 a 60 kg b 5,000 kg c 80 kg d 5 kg
- 84 $40 \text{ m} + 20 \text{ cm} = \dots\dots\dots \text{ cm}$
 a 420 b 42 c 60 d 4,020
- 85 $7 \text{ km}, 425 \text{ m} = \dots\dots\dots \text{ m}$
 a 700,425 b 7,524 c 7,245 d 7,425
- 86 5 kilometers, 45 meters = $\dots\dots\dots$ meters
 a 545 b 455 c 4,000,045 d 5,045
- 87 3 hours = $\dots\dots\dots$ minutes
 a 120 b 180 c 100 d 240
- 88 5 kg = $\dots\dots\dots$ grams
 a 50 b 500 c 5 d 5,000
- 89 $9 \text{ kg}, 35 \text{ g} = \dots\dots\dots \text{ g}$
 a 900,035 b 9,035 c 9,350 d 9,305
- 90 The scale of the graduated cylinder may be 5 or $\dots\dots\dots$.
 a 10 b 20 c 100 d 4
- 91 A rectangle has a length of 7 cm and a width of 5 cm. Its perimeter is $\dots\dots\dots \text{ cm}$.
 a 97 b 13 c 35 d 24
- 92 A rectangle has a length of 8 cm and a width of 6 cm. Its perimeter is $\dots\dots\dots$.
 a 48 b 14 c 28 d 35
- 93 A square has sides of 7 mm, its surface area $\dots\dots\dots \text{ mm}^2$.
 a 14 b 49 c 28 d 36
- 94 A rectangle has a length of 6 cm and a width of 3 cm. Its perimeter is $\dots\dots\dots$.
 a 36 cm^2 b 18 cm c 18 cm^2 d 9 cm^2

- 95 A square has a perimeter of 12 cm, then its area is cm^2 .
 a 48 b 9 c 36 d 144
- 96 The best unit for measuring the height of a school is
 a kilometers b meters c centimeters d millimeters
- 97 The area of a square with a side length of 7 cm is
 a 7 cm^2 b 14 cm^2 c 49 cm^2 d 343 cm^2
- 98 The area of a square is =
 a $4 \times S$ b $S \times S$ c $L \times W$ d $(L + W) \times 2$
- 99 In a rectangle, the half perimeter is equal to
 a the half area b $L + w$ c $(L + W) \times 2$ d 1
- 100 The perimeter of the square, whose side length is 6 m, is
 a 8 m b 12 m c 36 m d 24 m
- 101 Perimeter of a square =
 a $S \times S$ b $L \times W$ c $2L + 2W$ d $S \times 4$
- 102 If a rectangle's length is L and its width is W, then its perimeter =
 a $L + W$ b $L \times W$ c $(L + W) \times 2$ d $(2 + L) + W$
- 103 The perimeter of the rectangle whose length is 8 cm and its width is 7 cm is cm.
 a 15 b 56 c 87 d 30
- 104 The perimeter of the rectangle whose length is 6 m and its width is 3 m is
 a 18 m b 12 m c 18 cm d 24 m
- 105 Perimeter of a square =
 a $S \times S$ b $L \times W$ c $2L + 2W$ d $S \times 4$
- 106 A square has a perimeter of 36 cm, then its area is cm^2 .
 a 24 b 9 c 12 d 81

Final Revision

- 107 $50 \times \dots = 2,000$
 a 4 b 40 c 400 d 4,000
- 108 $7 \times (3 \times 5) = (\dots \times 3) \times 5$
 a 21 b 7 c 5 d 3
- 109 $6 \times 300 = 18 \times \dots$
 a 9 b 10 c 100 d 1,000
- 110 If $45 = 9 \times a$, then $a = \dots$
 a 54 b 45 c 9 d 5
- 111 If $7 \times K = 49$, then $K = \dots$
 a 6 b 7 c 8 d 9
- 112 If $e \times 6 = 24$, then $e = \dots$
 a 6 b 4 c 16 d 24
- 113 A number is 3 times greater than 7, then the number is
 a 10 b 4 c 21 d 11
- 114 The number 20 equals 5 times the number
 a 4 b 5 c 15 d 25
- 115 5 times = 45
 a 6 b 9 c 40 d 10
- 116 If $a \times 31 = 31 \times 9$, then $a = \dots$
 a 3 b8 c 9 d 31
- 117 If $6 \times 7 = 42$, then 42 is a of 6 and 7.
 a multiple b factor c double d triple
- 118 56 is seven times
 a 8 b 448 c 63 d 756
- 119 Which equation would be best to include an explanation of the commutative Property of multiplication?
 a $3 \times 1 = 3$ b $9 \times 6 = 6 \times 9$
 c $6 \times [2 \times 4] = [6 \times 2] \times 4$ d $5 \times 16 = [5 \times 11] + [5 \times 5]$

- 120 $2 \times 3 \times 4 =$
 a 234 b 9 c 24 d 10
- 121 $9 \times m = 36$, then $m =$
 a 4 b 36 c 3 d 18
- 122 the multiplication equation of $3 + 3 + 3 + 3 + 3 = 15$ is
 a 3×5 b $15 \times 6 = 3$ c $3 \times 5 = 15$ d 3×3
- 123 $4 \times 300 =$
 a 700 b 1,200 c 800 d 240
- 124 $20 \times 5 = 2 \times$
 a 10 b 50 c 30 d 60
- 125 $30 \times$ = 3,600
 a 120,000 b 12 c 120 d 1,200
- 126 $8 \times 500 = 4 \times$
 a 10 b100 c 1,000 d 10,000
- 127 is a prime number.
 a 64 b 15 c 17 d 21
- 128 The number that has only two factors is called a/an number.
 a composite b prime c even d odd
- 129 A number whose factors are (1, 2, 4, 5, 10, 20) is
 a 5 b 10 c 100 d 20
- 130 6 is a composite number because it has
 a one factor only b two factors only
 c more than two factors d no factors
- 131 is a factor of 8.
 a 2 b 16 c 12 d 5
- 132 is an even number that is a multiple of 2, 3, 4 and lies between 20 and 30.
 a 24 b 26 c 28 d 45

Final Revision

133 $50 \times \dots = 20,000$

a 4

b 40

c 400

d 4,000

134 16 has factors.

a 6

b 5

c 1

d 16

135 is a factor of 60.

a 10

b 6

c 2

d all of them

136 All prime numbers are odd, except

a 0

b 1

c 3

d 2

137 If $6 \times 7 = 42$, then 42 is a of 6 and 7.

a multiple

b factor

c double

d triple

138 Which is NOT a common multiple of 9 and 6?

a 18

b 27

c 36

d 54

139 is a prime number.

a 16

b 11

c 15

d 18

140 The prime number is the number that has factor(s).

a 0

b 1

c 2

d 3

141 The common factor of all numbers is

a zero

b 1

c 3,000

d 3

142 The greatest common factor (GCF) of 10 and 24 is

a 34

b 22

c 2

d 14

143 5 has factor(s) only.

a 1

b 2

c 3

d 4

144 The common multiples of 2 and 3 together are multiples of the number

a 5

b 27

c 8

d 6

145 is a factor of 72.

a 5

b 9

c 7

d 11

146 Which of the following equations is correct?

a $365 \times 5 = 73$

b $365 \times 73 = 5$

c $365 \div 5 = 73$

d $73 \div 365 = 5$

147 If $600 \div 10 = 60$ then the divisor is

- a** 1 **b** 10 **c** 60 **d** 600

148 If $40 \div 8 = 5$, then 5 is called

- a** divisor **b** dividend **c** quotient **d** remainder

149 The related fact of $25,000 \div 5$ is

- a** $250 \div 5 = 5$ **b** $25 \div 5 = 5$
c $20 \div 5 = 4$ **d** $2,500 \div 5 = 500$

150 Which of the following equations represents the opposite division problem?

$$\begin{array}{r} 73 \\ 5 \overline{) 365} \end{array}$$

- a** $365 \times 5 = 73$ **b** $365 \times 73 = 5$ **c** $365 \div 5 = 73$ **d** $73 \div 365 = 5$

151 Which expression can be used to check the answer 179 of the following division problem?

$$\begin{array}{r} 5 \overline{) 896} \\ - 500 \\ \hline 390 \\ - 350 \\ \hline 46 \\ - 45 \\ \hline 1 \end{array}$$

- a** $179 + 5$
b 179×5
c $179 + 5 \times 1$
d $179 \times 5 + 1$

152 $5 \times (400 + 3 + 70) = 5 \times$

- a** 400,370 **b** 437 **c** 473 **d** 374

153 $805 \times$ = 3,220

- a** 4 **b** 6 **c** 7 **d** 10

154 If $8 + X = 3 \times 8$, then $X =$

- a** 3 **b** 8 **c** 16 **d** 12

155 $(4 \times 5) + (4 \times 20) + (30 \times 5) + (30 \times 20) =$ \times

- a** 43×52 **b** 34×25 **c** 42×35 **d** 32×45

156 $3 \times 2 + 8 \times 2 =$

- a** 23 **b** 24 **c** 22 **d** 32

157 $3,200 \div 4$ $8,000 \div 8$

- a** $>$ **b** $=$ **c** $<$ **d** \geq

Second: Complete the following:

- 1 25 Millions + 250 Thousands + 200 =
- 2 7,000,021 = Millions + Thousands +
- 3 77,002,205 is read as:
- 4 The digit in 922,157,528 is in the Hundred Millions place.
- 5 600,000 = 10 times of
- 6 $4,000,000,000 + 6,000,000 + 20,000 + 300 + 20 + 6$ (In standard form)
=
- 7 Five hundred million, twenty thousand, fifty: (In standard form)
.....
- 8 The number 5,005,050,500 = (In word form)
.....
.....
- 9 $99,999 \approx$ (To the nearest 10)
- 10 $7,869 \approx$ (To the nearest 100)
- 11 $4,545 \approx$ (To the nearest 1,000)
- 12 $258,654 \approx$ (To the nearest 100,000)
- 13 $89,541 \approx$ (To the nearest 10,000)
- 14 $2,856 + 6,410 =$ \approx (To the nearest 1,000)
- 15 49,745,554 (Round to the nearest Million)
- 16 The word form of 7,000,850,004 is
- 17 $30,441,085 \approx 30,400,000$ (Rounded to the nearest)
- 18 $6,564,735 \approx$ (Round to nearest Hundred Thousand)
- 19 $80,503,004 = 80,000,000 +$ $+ 500,000 +$
- 20 The greatest number can be formed from the digits 3, 6, 5, 4, 8, 2 and 9 is

- 21 $5,768,125,345 \approx$ (To the nearest *Ten Thousand*)
- 22 $(13 \times 100,000) + (4 \times 10,000) + (18 \times 100) + (6 \times 1)$ in *standard form* is
- 23 $3,010 =$ +
- 24 The place value of the digit 6 in 53,106,720 is
- 25 $45,218 \approx$ (Round to the nearest *10,000*)
- 26 = 20 Thousands
- 27 $20,000,000 + 600,000 + 50,000 + 60 + 5$ (*In word form*)
- 28 $(41 + 27) + 21 + 94 =$ + $(27 + 21) +$
 “..... *Property*”
- 29 $(85 + 48) + 52 =$ + $(48 + 52)$ “..... *Property*”
- 30 $96 - 24$ (*To the nearest 10*) - =
- 31 If $X - 5,472 = 8,400$, then $X =$
- 32 $9,845,122 -$ = 100,000
- 33 The additive identity is
- 34 The multiplicative identity is
- 35 The value of the variable in the equation:
 $b - 1,250 = 3,000$ is
- 36 The value of x in the equation $200 + x = 62,340$ is
- 37 In the opposite bar model, the value of $b =$
- 38 80 km, 60 m = m
- 39 A liter is a measurement unit of
- 40 15 kg, 20 g = g
- 41 80,000 milliliters = liters
- 42 3 liters, 500 milliliters = milliliters

b	
9,901	1,000

Final Revision

- 43 29 hours = days and hours
- 44 95 minutes = hours and minutes
- 45 A box has a mass of 5 kg and 700 g, then its mass in grams = g.
- 46 3 hours = minutes
- 47 7,900 g = kg, g
- 48 3 days = hours
- 49 4:48 + 34 minutes = :
- 50 5 hr, 40 minutes = minutes
- 51 3 hours and 20 minutes = minutes
- 52 2 hours and 30 minutes = minutes
- 53 4 liters = milliliters
- 54 Two weeks and three days = days
- 55 A rectangle is 10 cm long and 5 cm wide, then its area = cm^2
- 56 The perimeter of a square whose side length is 1 cm equals cm.
- 57 If a rectangle's width is 4 cm and its length is 6 cm, then its area is cm^2 .
- 58 A square has a side length of 4 meters, then its area is cm^2 .
- 59 If the side length of a square is 10 cm, then its area = cm^2 .
- 60 A square whose side length is 7 meters, then its area = m^2 .
- 61 If the perimeter of a square is 24 m, then its side length is = m.
- 62 If a rectangle's length = 8 cm, its width = 4 cm, then its area = cm^2 .
- 63 A rectangle has a length of 8 cm, and width of 5 cm, then its area = cm^2 .
- 64 If the area of a rectangle = 24 cm^2 , and its length = 6 cm, then its width = cm.
- 65 If a rectangle's length is 12 cm, and its width is 4 cm, then its area = cm^2 .

- 66 If the perimeter of a square is 48 m, then its side length is = m.
- 67 If the length of a rectangle is (L) and its width is (w), then the formula of the perimeter of this rectangle is
- 68 If the area of a square is 25 cm^2 , then its perimeter is cm.
- 69 Side length x itself is the of a square.
- 70 If a rectangle has a length of 7 cm, and width of 4 cm, then its area = cm^2 .
- 71 If a square has side lengths of 5 meters, then its perimeter = meter.
- 72 5 times greater than 3 is **b** . Equation:
- 73 **a** is 4 times as many as 9. Equation:
- 74 28 is 7 times greater than **x** . Equation:
- 75 35 is 5 times more than **y** . Equation:
- 76 48 is 6 times as many as **h** . Equation:
- 77 64 is **m** times as many as 8. Equation:
- 78 If $b \times 5 = 35$, then **b** =
- 79 If $m \times 9 = 45$, then **m** =
- 80 If $e = 8 \times 6$, then **e** =
- 81 What number is 6 times more than 3? Equation :
Answer :
- 82 The equation that represents "24 is 3 times more than a number" is
- 83 If $3x = 18$, then **x** =
- 84 If $6y = 42$, then **y** =
- 85 If $28 = 4 \times m$, then **m** =
- 86 If 24 is six times **a**, then **24** =

Final Revision

87 If $45 = 9 \times u$, then 45 is times more than u .

88 $9 \times 0 =$

89 $4 \times 10 =$

90 $6 \times 100 =$

91 $7 \times 1000 =$

92 $564 \times 1,000 =$

93 $9 \times 7 =$ $\times 9$

94 $7 \times$ $= 0$

95 $\times 5 = 0$

96 $\times 10 = 400$

97 $\times 100 = 1,700$

98 $48 \times$ $= 48,000$

99 $60 \times 5,000 =$

100 $\times 20 = 10,000$

101 $8 \times$ $= 8$

102 $80 \times 50 =$

103 $10 \times 6 \times 8 = ($ \times $) \times$ $=$ \times $=$

104 $(2 \times$ $) \times 8 =$ $\times (7 \times 8)$

105 $(8 \times 10) \times$ $=$ $\times (10 \times 2)$

106 $(35 \times$ $) \times 9 =$ $\times (22 \times 9)$

107 $(25 \times$ $) \times 16 =$ $\times (18 \times 16)$

108 $9 \times 200 =$ $\times (2 \times$ $) = ($ \times $) \times$
 $=$ \times $=$

109 $\times 2,000 =$ $\times ($ $\times 1,000)$
 $= (8 \times$ $) \times$ $= 16 \times 1,000 =$

110 $4 \times 8,000 =$ $\times 1,000$

111 $(8 \times 5) \times 6 =$ $\times 6 =$

- 112 $4 \times (8 + 9) = (4 \times \dots) + (4 \times \dots)$
- 113 $9 \times (\dots + \dots) = (9 \times 3) + (9 \times 4)$
- 114 If $5 \times 8 = 40$, then $4,000 \div 5 = \dots$
- 115 $6,000 \div 6 = \dots$
- 116 $\dots \times 6 = 18,000$
- 117 $5 \times 8 - 5 = \dots = \dots$
- 118 $(10 + 80) \div 3 - 20 = \dots = \dots$
- 119 The value of $30 - 4 \times (4 + 2) = \dots$
- 120 $3 + 5 \times 6 + 2 = \dots$

Third: Answer the following:

- 1 686 tourists visited the Egyptian Museum on Sunday, and 621 tourists visited it on Monday. How many tourists visited the museum in the two days?
.....
- 2 A primary school with 1,028 students, 542 of them are girls. How many boys are there in this school?
.....
- 3 Eman has 3,256 pounds, and Sameh has 2,804 pounds. What is the difference between their money?
.....
- 4 There are 1,200 ants in the colony. Some ants go out looking for food, while 700 ants dispose of the garbage outside the colony. How many ants go out looking for food?
.....
- 5 A worker ant travelled 3,500 meters on Monday and then 2,450 meters on Tuesday to search for food. How far did the ant travel on Monday and Tuesday together?
.....

Final Revision

- 6 The number of books in the school library is 890, and the number of borrowed books is 258. If students return all borrowed books, how many books will be in the library?
- 7 Mahmoud saved 250,000 piasters and got 39,000 piasters from his father. What is the sum of Mahmoud's money?
- 8 Salma was counting the ants in the colony. She counted 1,525 ants on Monday, 19,750 ants on Tuesday, and 3,705 ants on Wednesday. If there are 30,520 ants in the colony, how many ants does she still need to count?
- 9 When the scientists poured cement into the ant colony and dug inside it, they found that the colony was 8 m deep. How many centimeters is the depth of the ant colony?
- 10 If one black ant can walk 250 meters in one hour, how many hours will it take to walk 1 kilometer?
- 11 The total weight of all ants on Earth equals the total weight of all humans. One ant colony weighs 3,493 grams. Rewrite this number using kilograms and grams.
- 12 The fish tank can be filled with 50 liters of water. If the tank contains 35 liters and 130 milliliters, how much water do we need to fill the tank?

- 13 Two hundred thousand ants drink one liter of water.
How many milliliters of water do the ants drink?
- 14 If the weight of Hala is 65 kg and 250 grams, what is the weight of Hala in grams?
- 15 The pupa (virgin) is white in color and resembles an adult ant with its legs and antennae folded and covered with a white or brown cocoon. It transforms into an adult ant within 9 to 30 days. If it takes 21 days for the pupa to become an adult, how many weeks will it take?
- 16 Farah was training for the marathon. Her goal was to run for 1 hour and 30 minutes. If she starts running at 8:35 am, when will she finish running?
- 17 An ant from a colony walked two kilometers in one day. An ant from another colony walked 3,000 meters in one day. Which of the two ants went the farthest? What is the difference in distance in kilometers?
- 18 Rania measures the length of two rows of ants. The row of ants in the first colony is 30 centimeters long. The length of the row of ants in the second colony is 500 mm. How long are the two rows of ants together in centimeters?
- 19 Ziad played video games from 3:45 pm to 5:10 pm, He is only allowed to play video games for 80 minutes. Did he break the rule? If the answer is no, why? If yes, how many extra minutes did he play?

20 Mary was on a picnic with her family and she counted 10 ants walking together. If each ant weighs 1 gram and carries a weight 50 times its body weight, what is the total weight carried by the ant?

21 Saleh owns a rectangular farm. The length of the fence surrounding the farm is 50 m. Draw two different rectangles that can represent the shape of the farm. Write the length and width on the drawing.

22 Jannat is designing a work of art, and she needs two pieces of paper. Each piece must be 6 meters long and 2 meters wide. The two pieces of paper will be glued together at the short edges. When she's finished with the artwork, she must decide whether to frame it or hang it up and cover it with glass. Jannat needs to know the measurements of the frame and glass to make her decision. What is the frame length?

Do you have to calculate the area or the perimeter to find this measurement?

What is the glass area?

Do you have to calculate the area or the perimeter to find this measurement?

23 In a science project, two students are creating an ant farm enclosure, that is 5 meters long and 2 meters high. Draw the enclosure with the dimensions. Then find the perimeter and area.

Perimeter =

Area =

24 A rectangular mirror with an area of 900 square centimeters. The mirror is 45 cm long. What's its width?

- 25 Sameh's book is 30 cm long. The cover of Sameh's book has a perimeter of 100 cm. What is Sameh's book width?

- 26 A city is in the shape of a rectangle. It is 4 kilometers wide and 8 kilometers long. What is the area of this city?

- 27 Draw a square with an area of 25 cm^2 . Then find its perimeter. Write the dimensions on the drawing.

- 28 Ahmed's age is three times Maha's age. If Maha is 5 years old. How old is Ahmed?

- 29 Wafaa has 18 pounds. This is equal to 3 times more than what Hana has. How many pounds does Hana have?

Equation :

Answer:

- 30 Use the Associative Property of Multiplication to calculate the number of books in the opposite picture.



- 31 There are 28 girls and 21 boys in a class. The pupils will be divided into equal groups of girls and equal groups of boys. What is the largest number of groups that can be formed so that each group has the same number of pupils? How many boys are in each group of boys? How many girls are in each group of girls?

- 32** A teacher is preparing snacks to be distributed among the students. She has 24 pieces of croissants and 16 pieces of sweets. What is the largest number of snacks the teacher can make if each meal contains exactly the same number of croissants and exactly the same number of sweets? How many croissants are there in each meal? How many sweets are there in each meal?

- 33** Hossam saves 85 pounds per month. How many pounds does Hossam save in 6 months? (Use the rectangle area model)

$\text{X} =$	$\text{X} =$
+	
=	

- 34** The distance from Ali's house to the school is 930 meters, and the distance from his house to the club is 5 times the distance between his house and his school. What is the distance between Ali's house and the club? (Use the rectangle area model)

- 35** An ant works from 6:50 am to 10:58 am. How long does the ant work?

- 36** The game started at 6:46 pm, and lasted for 54 min. What time did the game finish?

- 37 If a ant works from 8:06 am to 11:23 am, how long does the ant work?
- 38 Esraa bought 5 mobiles , if the price of each one is 2,000 LE. What is the total price of them?
- 39 Ola started work at 12:15 pm, and finished her work at 2:30 pm . How much did Ola spend at work?
- 40 Sandy has 7 mangoes and Batol has 28. How many more mangoes does Batol have than Sandy? Write the equation:
- 41 Jana bought 5 packs of juice cans. Each pack had 2 rows, each row had 6 cans. How many cans did Jana bought?
- 42 A tailor used 3 m 32 cm of cloth to make a dress and 2 m, 68 cm to make 10 trousers . What is the total length of cloth he used?
- 43 Amira ate 2 apples, and Ahmed ate 5 times as many. How many apples did Ahmed eat?
- 44 Mohamed bought a laptop for 5,250 LE and a mobile for 2,750 LE. If he had 10,000 LE how much money are left with him?

45 Find the GCF of 6 and 12.

46 Find the quotient of $457 \div 3$.

47 Find the product of 54×12 .

48 Mohamed bought a laptop for 7,250 LE and a mobile for 4,750 LE.
If he had 15,000 LE, how much money are left with him?

49 Hany has 2,532 pounds, he divides the money equally between his 3 friends. Find the share for each one of them.

50 Omar bought a book of stickers, there were 80 stickers in the book. He wanted to give them to 4 of his friends. How many stickers will each of his friends get?

51 A painting is 5 meters in length and 2 meters in width.
Find the perimeter of the necessary frame for this painting.

- 52 A rectangle has a length of 6 cm and a width of 4 cm.
Find its perimeter.

- 53 An ant walks about 5,000 meters each day.
How many kilometers does this ant walk in 6 days?

Fourth: Compare using ($<$, $=$ or $>$):

- | | |
|--|-----------------------------|
| 1 $(3 \times 1,000,000,000) + (3 \times 10)$ | 3,000,003,000 |
| 2 900 Thousands | 90 Millions |
| 3 Six hundred fifty thousands | 6,500 hundred |
| 4 4,000 Thousands | 4 Millions |
| 5 Five hundred seventy thousands, ninety-eight | $500,000 + 70,000 + 90 + 8$ |
| 6 Milliard | 1,000,000,000 |
| 7 $456,258 + 543,742$ | The greatest 7-digit number |
| 8 $10,000 + 8,000 + 200 + 80 + 7$ | $18,654 - 367$ |
| 9 $965 + 9,999$ | $865 + 78,952$ |
| 10 2 | $100,000 - 99,999$ |
| 11 4,000 grams | 40,000 kilograms |
| 12 6,000 g | 60 kg |
| 13 6 kg , 89 g | 689 g |
| 14 84 L , 84 mL | 48 L , 48 mL |

Final Revision

- | | |
|---|--|
| 15 1 week | 6 days |
| 16 2 and half hours | 2 H + 30 min |
| 17 The number of days of the week | 10 |
| 18 7,000 grams | 18 kg |
| 19 6 min, 4 sec | 4 min, 6 sec |
| 20 $1,600 \times 10$ | 16 Thousands |
| 21 6 Thousands | 6,000 |
| 22 $6 \times 4 \times 1,000$ | $6,000 \times 4$ |
| 23 23×140 | 140×23 |
| 24 240 | 6×400 |
| 25 The number of factors of 4 | The number of factors of 9 |
| 26 The number of factors of
a composite number | The number of factors of
a prime number |
| 27 8×21 | $8 \times 7 \times 2$ |
| 28 30×100 | 300 Hundreds |
| 29 240×100 | 600×400 |
| 30 4×250 | 8×125 |
| 31 752×2 | 7×525 |
| 32 5 Millions | 5,000 Hundreds |
| 33 $4,800 \div 6$ | $64,000 \div 8$ |
| 34 $2,500 \div 5$ | $45,000 \div 9$ |
| 35 4×624 | 624×6 |

Fifth: Solve each of the following operations:

1 Find the GCF of 24 and 18.

2 Find the product of 65×32 .

3 Find the quotient of $457 \div 3$.

4 Write all the factors of the number 18.

5 Find the product of 54×12 .

6 Find The product of 74×21 (Show your steps)

7 Find the GCF of 10 and 15

8 Find the GCF of 6 and 12.

9 Find the GCF of 24 and 32.

10 Find $18 \div 6 + (4 - 1)$



First term Questions Bank



Question 01

choose the correct answer

- 1 $e - 5,000 = 2,000$, then $e =$
 (a) 7,000 (b) 3,000 (c) 5,000 (d) 2,000
- 2 5,999 to the nearest tens is
 (a) 5,000 (b) 5,999 (c) 5,910 (d) 6,000
- 3 $87 \div 4 = 21 \text{ R}3$, the divisor is
 (a) 3 (b) 4 (c) 21 (d) 87
- 4 The only even prime number is
 (a) 2 (b) 0 (c) 3 (d) 16
- 5is a multiple of 10
 (a) 15 (b) 2 (c) 60 (d) 5
- 6is not a multiple of 5
 (a) 12 (b) 25 (c) 50 (d) 35
- 7 The smallest odd prime number is
 (a) 5 (b) 2 (c) 1 (d) 3
- 8 $406 \div 5 = 81 \text{ R}.....$
 (a) 0 (b) 1 (c) 2 (d) 3
- 9 1 is
 (a) common factor of all numbers (c) not prime nor composite
 (b) multiplicative identity (d) all of them
- 10 0 is
 (a) common multiple of all numbers (c) both of them
 (b) additive identity (d) other
- 11is a multiple of 8
 (a) 4 (b) 2 (c) 80 (d) 100



- 12is a factor of 30
 (a) 33 (b) 60 (c) 5 (d) 0
- 13 6 weeks =days
 (a) 24 (b) 6 (c) 42 (d) 3
- 14 In $6 \times 2 - (3 + 1) \div 8$, the first step is
 (a) 6×2 (b) $2 + 3$ (c) $3 + 1$ (d) $4 \div 8$
- 15 $18 \times 5 = \dots\dots\dots$
 (a) 900 (b) 9 tens (c) 9 (d) 185
- 16 The second step of solving $20 - 8 \div 2 + 3$ is
 (a) subtraction (b) division (c) addition (d) multiplication
- 17is a form of write numbers .
 (a) expanded form (b) word form (c) standard form (d) all of them
- 18 $845 \times 0 = \dots\dots\dots$
 (a) 0 (b) 845 (c) 1 (d) 548
- 19 $250 \div 4 = \dots\dots\dots$
 (a) 62 (b) 62 R2 (c) 26 R5 (d) 26 R2
- 20 Themust be smaller than the divisor .
 (a) quotient (b) remainder (c) dividend (d) divisor
- 21 $654 \text{ m} = \dots\dots\dots$
 (a) 6 m , 54 cm (b) 600 m , 54 cm (c) 65 m , 4 cm (d) 654 cm
- 22 452 hundreds + 18 thousands =
 (a) 632 (b) 632 hundreds (c) 632 thousands (d) 6320
- 23 $234 + 56 = \dots\dots\dots + 234$, is using Property .
 (a) 234 , commutative (b) 56 , commutative (c) 56 , associative (d) 234 , associative
- 24 The numbers 1,2,3,4,6,12 are all factors of
 (a) 21 (b) 24 (c) 12 (d) 10
- 25is a common multiple of 5 and 7
 (a) 35 (b) 7 (c) 5 (d) 1



- 26 $654 + m = 865$, then $m =$
 (a) 1,519 (b) 211 (c) 865 (d) 654
- 27 $123 \times 4 =$
 (a) 321 (b) 490 (c) 492 (d) 123
- 28 $707 \div 7 =$
 (a) 100 (b) 701 (c) 101 (d) 707
- 29 $325 \div 1 =$
 (a) 1 (b) 325 (c) 326 (d) 0
- 30 $5,200 \times 10 =$
 (a) 520 (b) 5220 (c) 52,000 (d) 52 hundreds
- 31 The perimeter of a rectangle is whose length is d and width is h .
 (a) $L + W$ (b) $2 \times (d + h)$ (c) $L \times W$ (d) $(L \times W) \times 2$
- 32 Hour is a unit of
 (a) capacity (b) hour (c) time (d) length
- 33 If $600 \div 10 = 60$, then the dividend is
 (a) 1 (b) 10 (c) 60 (d) 600
- 34 If Mr Mahmoud Elkholy distribute 50 SPIRO SPATHIS among 5 of his students , each one will take SPIRO SPATHIS .
 (a) 10 (b) 15 (c) 19 (d) 21
- 35 A rectangle of length L and width W , then its perimeter P is
 (a) $p = (L + W) \times 2$ (b) $p = L + W$ (c) $p = 2 + L + W$ (d) $p = L \times W$
- 36 The number 20 equal 5 times the number
 (a) 4 (b) 5 (c) 15 (d) 25
- 37 The digit in the hundred thousands place in the number 3,910,472 is
 (a) 1 (b) 2 (c) 4 (d) 9
- 38 $5 \text{ km} , 45 \text{ m} =$ m
 (a) 545 (b) 455 (c) 4,505 (d) 5,045
- 39 $24 \times 15 = 15 \times 24$ representsproperty
 (a) associative (b) commutative (c) identity (d) distributive



- 40 $357 \div 3 = \dots\dots\dots$
 (a) 19 (b) 191 (c) 911 (d) 119
- 41 The number 10 million , 175 thousand , 314 in standard form is
 (a) 10,157,314 (b) 10,571,413 (c) 10,175,314 (d) 10,751,314
- 42 The value of the digit 5 in the number 7,125,801 is
 (a) 50 (b) 500 (c) 5,000 (d) 50,000
- 43 When we round 4,999 to the nearest ten it will be
 (a) 5,990 (b) 4,990 (c) 5,000 (d) 4,900
- 44 When we round 4,990 to the nearest ten it will be
 (a) 4,990 (b) 5,000 (c) 5,900 (d) 4,900
- 45 5 minutes and 10 seconds =seconds
 (a) 15 (b) 50 (c) 310 (d) 130
- 46 The area of a rectangle its length 6 cm and its width half its length is
 (a) 36 (b) 18 (c) 6 (d) 3
- 47 $6 \times \dots\dots\dots = 6,000$
 (a) 100 (b) 10 (c) 1,000 (d) 1
- 48 Khalid read 4,329 pages , then he readto the nearest thousands
 (a) 4,000 (b) 5,000 (c) 40,000 (d) 4,300
- 49 The place value of the digit 4 in the number 6,234,362,912
 (a) 4,000,000 (b) millions (c) hundred thousands (d) 400,000
- 50 The value of the digit 6 in the number 3,256,012,407
 (a) 6,000,000 (b) millions (c) ten millions (d) 600,000
- 51 $5 \times 8 = \dots\dots\dots$ tens
 (a) 40 (b) 400 (c) 4 (d) 4,000
- 52 $98,654 - d = 1,235$, then $d = \dots\dots\dots$
 (a) 97,419 (b) 99,889 (c) 98,654 (d) 1,235
- 53 $60 + m = 100$, then $m = \dots\dots\dots$
 (a) $100 + 60$ (b) 100 (c) $100 - 60$ (d) 30
- 54 $k - 321 = 500$, then $k = \dots\dots\dots$
 (a) $500 - 321$ (b) $500 + 321$ (c) 200 (d) 123



- 55 $450 \div 10 = \dots\dots\dots$
 a 45 tens b 450 tens c 450 d 45
- 56 $1,000 \div 100 = \dots\dots\dots$
 a 10 b 1 c 100 d 1,000
- 57 $4004 \div 4 = \dots\dots\dots$
 a 101 b 11 c 1,001 d 4,004
- 58 $654 \div \dots\dots\dots = 654$
 a 10 b 100 c 1 d 0
- 59 $0 \div 145 = \dots\dots\dots$
 a 145 b 0 c 1 d undefined
- 60 $321 \div 0 = \dots\dots\dots$
 a 0 b 1 c 321 d undefined
- 61 100 is half of
 a 50 b 200 c 100 d 1
- 62 60 is twice
 a 30 b 60 c 120 d 10
- 63 Twice 60 is
 a 30 b 60 c 120 d 10
- 64 Million is the smallest number formed fromdigits .
 a 7 b 9 c 10 d 6
- 65 The common factor of all numbers is
 a 0 b 1 c 2 d Both b,c
- 66 The common multiple of all numbers is
 a 0 b 1 c 2 d Both b,c
- 67 The common factor of all even numbers is
 a 0 b 1 c 2 d Both b,c



Question 02

Complete

- 1 The additive identity is
- 2 $5 \times 0 = \dots\dots\dots$, is using Property
- 3 $300 \times 1 = \dots\dots\dots$, is usingproperty
- 4 $6 \times (4 + 3) = (6 \times 4) + (6 \times \dots\dots\dots)$ is using Property .
- 5 $4,000 - m = 2,000$, then $m = \dots\dots\dots$
- 6 Milliard is the smallest number formed fromdigits .
- 7m = 6,500 cm
- 8 740 mm =cm
- 9 The place value of the digit 8 in 485,360,000 is
- 10 if $2,196 \div 6 = 366$, then the divisor is
- 11 $327 \div 5 = 65 \text{ R} \dots\dots\dots$
- 12 15 L and 15 ml =ml
- 13 63 kg ,gm = 63,002
- 14 60 min =hour
- 15 48 hours = Days
- 16 $18 - 6 \times 2 + 30 = \dots\dots\dots$
- 17 $6,006 \div 6 = \dots\dots\dots$
- 18 The smallest number formed from (8 , 0 , 3 , 9 , 4 , 6) is
- 19 The standard form of $8,000,000 + 3,000 + 456$ is
- 20 The value of the digit 0 in the number 15,404,563 is
- 21 A square of side length 9 m , then its perimeter is
- 22 $45 \times 12 = 12 \times 45$ is usingproperty .
- 23 When we round 84,529,650 to the nearest millions it will be
- 24is 6 times greater than 8 .
- 25gm = 6 kg
- 26 The dividend isthe quotient isthe divisor.....

108
4 432



- 27 30 min = Hour
- 28 3 hours and half =minutes
- 29 3,000 – 1,423 =
- 30 The prime number has only Factors , 1 and
- 31 $28 \div 7 + (50 - 20) = \dots\dots\dots$
- 32 2,000 - 1,999 =
- 33 22 is 2 times greater than
- 34 $3 \times 500 = \dots\dots\dots \times 5 \times 100$
- 35 $19 \times 200 = (10 + \dots\dots\dots) \times 200$
- 36 6,000 tens =thousands
- 37 15 hundreds + 32 hundreds =hundreds
- 38 $12,545 + 3,654 = \dots\dots\dots$
- 39 $57,357 - 1,919 = \dots\dots\dots$
- 40 The first multiple of 5 comes after 18 is
- 41 The standard form of 56 millions , 230 thousands , 50 is
- 42 $634 \div 7 = \dots\dots\dots R\dots\dots\dots$
- 43 The capacity of juice bottle is 2 litres and 123 millilitres, then its capacity in millilitres isml
- 44 $15 \times (19 - 9) + 53 = \dots\dots\dots$
- 45 Find the value of m , y and x
- 46 3 weeks and 5 days = Days
- 47 487,326 to the nearest thousands is
- 48 36 has factor pairs .
- 49 The elapsed time from 5 : 40 pm to 10 : 20 PM is
- 50 Convert to the unit shown on the model millilitres
- 51 $0 = \dots\dots\dots \times 45$
- 52 The smallest number formed from 8 , 2 , 7 , 0 , 9 is
- 53 The greatest number formed from 8 , 2 , 7 , 0 , 9 is
- 54 $93,044,108 = 93,040,000$ (Rounded to the nearest.....)

	X	6
30	Y	180
5	100	m

2	40
liter	mililiter



- 55 The value of the variable in the equation : $b - 1,250 = 3,000$ is
- 56 9,000 grams =kilograms
- 57 $24 \div (4 - 1) - 2 =$
- 58 $2,617 - 1,716 =$
- 59 A rectangle of length 7 cm , width 4 cm , then its area =.....cm²
- 60 2,654 g =kg +g
- 61 The value of m is

850
250 m
- 62 4 min and 30 second isseconds
- 63 $60 =$ x 60
- 64 Quarter hour isminutes .
- 65 The only even prime number is
- 66 The smallest prime number is
- 67 The smallest odd prime number is
- 68 The smallest 2-digit prime number is
- 69 All prime numbers are odd except
- 70 50 tens =
- 71 The prime numbers between 20 and 30 are
- 72 $(5 + 6) + 14 = 5 + (..... + 14)$
- 73 Expanded form of 3,006,200,000 is

Question 03

Answer the following questions

- 1 Find the perimeter of a square whose side length is 40 m .
.....
- 2 Find the area of a rectangle whose length is 6 cm and width is 5 cm .
.....
- 3 Aliaa is building a rectangular garden with 24 m of fencing . What is the area of the garden if its length is 7 m ?
.....
.....



- 4 Sandy has 7 mangoes and Batool has 28 mangoes . How many times of mangoes does Batol have ? Write the equation .
.....
- 5 Eyad bought 5 books , if the price of each one is 80 LE . What is the total price of them ?
.....
- 6 A school with 500 students in primary four , if the number of girls is 178 , find the number of boys .
.....
- 7 A bridge of ants consists of 235 ants , and another bridge consists of 146 ants . What is the difference between them ?
.....
- 8 find the GCF of 18 and 24 .
.....
- 9 write all factors of 36 .
.....
- 10 There are 36 boys in the park , 6 of them ran away , the remaining boys want to make teams with 6 boys in each team . How many teams they will make ?
.....
- 11 A rectangular picture its dimensions are 9 cm and 6 cm . Losenda wants to make a piece of glass to cover it , what is the area of the glass piece ?
.....
- 12 Malek want to distribute 400 stickers among 5 of his friends . How many stickers will each one take ?
.....
- 13 Find the product of 48×32
.....
- 14 Find the quotient of $816 \div 4$
.....
- 15 Sofian placed 36 cans on 6 tables equally . How many cans on each table ?
.....



- 16 Find the GCF of 30 and 45
.....
- 17 IF 5 students won 456 pounds each . How much money did they win all together ?
.....
- 18 If one Dollar is equal 50 pounds , then find the value of 63 Dollars .
.....
- 19 Walaa bought 4 plates of apples , each plate had 5 apples . If she ate 4 apples . How many apples are left ?
.....
- 20 Youssef bought 8 books for 184 LE , what is the price of one book ?
.....
- 21 A tailor used 3 m 32 cm of cloth to make a dress and 2 m , 68 cm to make trousers . What is the total length of cloth did he use ?
.....
- 22 Omar is building a square frame . The side length will be 12 cm . Find the length of the frame .
.....
- 23 An ant works from 7 : 20 am to 11 : 30 am . How long does the ant work ?
.....
- 24 Ahmed bought a Laptop for 7,250 pounds and a mobile for 4,750 pounds . If he had 15,000 pounds . How much money are left with him ?
.....
- 25 Write all the factors of 24 .
.....
- 26 Find the product of 74×33
.....
- 27 Arrange in an ascending order :
38,257,967 , 32,968,327 , 42,695 , 7,986,362
.....
- 28 List 5 common multiples of 2 , 3
.....
- 29 Find perimeter and area of the opposite figure .
.....



انتهت الأسئلة مع اطيب الامنيات بالنجاح والتوفيق





First term Questions Bank



Question 01

choose the correct answer

- 1 $e - 5,000 = 2,000$, then $e =$
 (a) 7,000 (b) 3,000 (c) 5,000 (d) 2,000
- 2 5,999 to the nearest tens is
 (a) 5,000 (b) 5,999 (c) 5,910 (d) 6,000
- 3 $87 \div 4 = 21 \text{ R}3$, the divisor is
 (a) 3 (b) 4 (c) 21 (d) 87
- 4 The only even prime number is
 (a) 2 (b) 0 (c) 3 (d) 16
- 5is a multiple of 10
 (a) 15 (b) 2 (c) 60 (d) 5
- 6is not a multiple of 5
 (a) 12 (b) 25 (c) 50 (d) 35
- 7 The smallest odd prime number is
 (a) 5 (b) 2 (c) 1 (d) 3
- 8 $406 \div 5 = 81 \text{ R}.....$
 (a) 0 (b) 1 (c) 2 (d) 3
- 9 1 is
 (a) common factor of all numbers (c) not prime nor composite
 (b) multiplicative identity (d) all of them
- 10 0 is
 (a) common multiple of all numbers (c) both of them
 (b) additive identity (d) other
- 11is a multiple of 8
 (a) 4 (b) 2 (c) 80 (d) 100



- 12is a factor of 30
 (a) 33 (b) 60 (c) 5 (d) 0
- 13 6 weeks =days
 (a) 24 (b) 6 (c) 42 (d) 3
- 14 In $6 \times 2 - (3 + 1) \div 8$, the first step is
 (a) 6×2 (b) $2 + 3$ (c) $3 + 1$ (d) $4 \div 8$
- 15 $18 \times 5 =$
 (a) 900 (b) 9 tens (c) 9 (d) 185
- 16 The second step of solving $20 - 8 \div 2 + 3$ is
 (a) subtraction (b) division (c) addition (d) multiplication
- 17is a form of write numbers .
 (a) expanded form (b) word form (c) standard form (d) all of them
- 18 $845 \times 0 =$
 (a) 0 (b) 845 (c) 1 (d) 548
- 19 $250 \div 4 =$
 (a) 62 (b) 62 R2 (c) 26 R5 (d) 26 R2
- 20 Themust be smaller than the divisor .
 (a) quotient (b) remainder (c) dividend (d) divisor
- 21 654 m =
 (a) 6 m , 54 cm (b) 600 m , 54 cm (c) 65 m , 4 cm (d) 654 cm
- 22 452 hundreds + 18 thousands =
 (a) 632 (b) 632 hundreds (c) 632 thousands (d) 6320
- 23 $234 + 56 =$ + 234 , is using Property .
 (a) 234 , commutative (b) 56 , commutative (c) 56 , associative (d) 234 , associative
- 24 The numbers 1,2,3,4,6,12 are all factors of
 (a) 21 (b) 24 (c) 12 (d) 10
- 25is a common multiple of 5 and 7
 (a) 35 (b) 7 (c) 5 (d) 1



- 26 $654 + m = 865$, then $m =$
 (a) 1,519 (b) 211 (c) 865 (d) 654
- 27 $123 \times 4 =$
 (a) 321 (b) 490 (c) 492 (d) 123
- 28 $707 \div 7 =$
 (a) 100 (b) 701 (c) 101 (d) 707
- 29 $325 \div 1 =$
 (a) 1 (b) 325 (c) 326 (d) 0
- 30 $5,200 \times 10 =$
 (a) 520 (b) 5220 (c) 52,000 (d) 52 hundreds
- 31 The perimeter of a rectangle is whose length is d and width is h .
 (a) $L + W$ (b) $2 \times (d + h)$ (c) $L \times W$ (d) $(L \times W) \times 2$
- 32 Hour is a unit of
 (a) capacity (b) hour (c) time (d) length
- 33 If $600 \div 10 = 60$, then the dividend is
 (a) 1 (b) 10 (c) 60 (d) 600
- 34 If Mr Mahmoud Elkholy distribute 50 SPIRO SPATHIS among 5 of his students , each one will take SPIRO SPATHIS .
 (a) 10 (b) 15 (c) 19 (d) 21
- 35 A rectangle of length L and width W , then its perimeter P is
 (a) $p = (L + W) \times 2$ (b) $p = L + W$ (c) $p = 2 + L + W$ (d) $p = L \times W$
- 36 The number 20 equal 5 times the number
 (a) 4 (b) 5 (c) 15 (d) 25
- 37 The digit in the hundred thousands place in the number 3,910,472 is
 (a) 1 (b) 2 (c) 4 (d) 9
- 38 $5 \text{ km} , 45 \text{ m} =$ m
 (a) 545 (b) 455 (c) 4,505 (d) 5,045
- 39 $24 \times 15 = 15 \times 24$ representsproperty
 (a) associative (b) commutative (c) identity (d) distributive



- 40 $357 \div 3 = \dots\dots\dots$
 (a) 19 (b) 191 (c) 911 (d) 119
- 41 The number 10 million , 175 thousand , 314 in standard form is
 (a) 10,157,314 (b) 10,571,413 (c) 10,175,314 (d) 10,751,314
- 42 The value of the digit 5 in the number 7,125,801 is
 (a) 50 (b) 500 (c) 5,000 (d) 50,000
- 43 When we round 4,999 to the nearest ten it will be
 (a) 5,990 (b) 4,990 (c) 5,000 (d) 4,900
- 44 When we round 4,990 to the nearest ten it will be
 (a) 4,990 (b) 5,000 (c) 5,900 (d) 4,900
- 45 5 minutes and 10 seconds =seconds
 (a) 15 (b) 50 (c) 310 (d) 130
- 46 The area of a rectangle its length 6 cm and its width half its length is
 (a) 36 (b) 18 (c) 6 (d) 3
- 47 $6 \times \dots\dots\dots = 6,000$
 (a) 100 (b) 10 (c) 1,000 (d) 1
- 48 Khalid read 4,329 pages , then he readto the nearest thousands
 (a) 4,000 (b) 5,000 (c) 40,000 (d) 4,300
- 49 The place value of the digit 4 in the number 6,234,362,912
 (a) 4,000,000 (b) millions (c) hundred thousands (d) 400,000
- 50 The value of the digit 6 in the number 3,256,012,407
 (a) 6,000,000 (b) millions (c) ten millions (d) 600,000
- 51 $5 \times 8 = \dots\dots\dots$ tens
 (a) 40 (b) 400 (c) 4 (d) 4,000
- 52 $98,654 - d = 1,235$, then $d = \dots\dots\dots$
 (a) 97,419 (b) 99,889 (c) 98,654 (d) 1,235
- 53 $60 + m = 100$, then $m = \dots\dots\dots$
 (a) $100 + 60$ (b) 100 (c) $100 - 60$ (d) 30
- 54 $k - 321 = 500$, then $k = \dots\dots\dots$
 (a) $500 - 321$ (b) $500 + 321$ (c) 200 (d) 123



- 55 $450 \div 10 = \dots\dots\dots$
 (a) 45 tens (b) 450 tens (c) 450 (d) 45
- 56 $1,000 \div 100 = \dots\dots\dots$
 (a) 10 (b) 1 (c) 100 (d) 1,000
- 57 $4004 \div 4 = \dots\dots\dots$
 (a) 101 (b) 11 (c) 1,001 (d) 4,004
- 58 $654 \div \dots\dots\dots = 654$
 (a) 10 (b) 100 (c) 1 (d) 0
- 59 $0 \div 145 = \dots\dots\dots$
 (a) 145 (b) 0 (c) 1 (d) undefined
- 60 $321 \div 0 = \dots\dots\dots$
 (a) 0 (b) 1 (c) 321 (d) undefined
- 61 100 is half of $\dots\dots\dots$
 (a) 50 (b) 200 (c) 100 (d) 1
- 62 60 is twice $\dots\dots\dots$
 (a) 30 (b) 60 (c) 120 (d) 10
- 63 Twice 60 is $\dots\dots\dots$
 (a) 30 (b) 60 (c) 120 (d) 10
- 64 Million is the smallest number formed from $\dots\dots\dots$ digits .
 (a) 7 (b) 9 (c) 10 (d) 6
- 65 The common factor of all numbers is $\dots\dots\dots$
 (a) 0 (b) 1 (c) 2 (d) Both b,c
- 66 The common multiple of all numbers is $\dots\dots\dots$
 (a) 0 (b) 1 (c) 2 (d) Both b,c
- 67 The common factor of all even numbers is $\dots\dots\dots$
 (a) 0 (b) 1 (c) 2 (d) Both b,c



Question 02

Complete

- 1 The additive identity is0.....
- 2 $5 \times 0 = \dots\dots0\dots\dots$, is usingzero..... Property
- 3 $300 \times 1 = \dots\dots300\dots\dots$, is usingidentity.....property
- 4 $6 \times (4 + 3) = (6 \times 4) + (6 \times \dots\dots3\dots\dots)$ is usingdistributive..... Property .
- 5 $4,000 - m = 2,000$, then $m = \dots\dots2,000\dots\dots$
- 6 Milliard is the smallest number formed from10.....digits .
- 765.....m = 6,500 cm
- 8 740 mm =74.....cm
- 9 The place value of the digit 8 in 485,360,000 isten millions.....
- 10 if $2,196 \div 6 = 366$, then the divisor is6.....
- 11 $327 \div 5 = 65 \text{ R} \dots\dots2\dots\dots$
- 12 15 L and 15 ml =15,015.....ml
- 13 63 kg , ...2.....gm = 63,002
- 14 60 min =1.....hour
- 15 48 hours =2..... Days
- 16 $18 - 6 \times 2 + 30 = \dots\dots36\dots\dots$
- 17 $6,006 \div 6 = \dots\dots1,001\dots\dots$
- 18 The smallest number formed from (8 , 0 , 3 , 9 , 4 , 6) is304,689.....
- 19 The standard form of $8,000,000 + 3,000 + 456$ is8,003,456.....
- 20 The value of the digit 0 in the number 15,404,563 is0.....
- 21 A square of side length 9 m , then its perimeter is36.....
- 22 $45 \times 12 = 12 \times 45$ is usingcommutative.....property
- 23 When we round 84,529,650 to the nearest millions it will be85,000,000.....
- 2448.....is 6 times greater than 8 .
- 256,000.....gm = 6 kg



$$\begin{array}{r} 108 \\ 4 \overline{) 432} \end{array}$$

- 26 The dividend is**432**....the quotient is ...**108**...the divisor...**4**....
- 27 30 min =**half**.... Hour
- 28 3 hours and half =**210**.....minutes
- 29 $3,000 - 1,423 = \dots\dots$ **1,577**.....
- 30 The prime number has only**2**.... Factors , 1 and**itself**...
- 31 $28 \div 7 + (50 - 20) = \dots\dots$ **34**.....
- 32 $2,000 - 1,999 = \dots\dots$ **1**.....
- 33 22 is 2 times greater than**11**.....
- 34 $3 \times 500 = \dots\dots$ **3**...x 5 x 100
- 35 $19 \times 200 = (10 + \dots\dots$ **9**.....) x 200
- 36 6,000 tens =**60**.....thousands
- 37 15 hundreds + 32 hundreds =**47**.....hundreds
- 38 $12,545 + 3,654 = \dots\dots$ **16,199**.....
- 39 $57,357 - 1,919 = \dots\dots$ **55,456**.....
- 40 The first multiple of 5 comes after 18 is**20**.....
- 41 The standard form of 56 millions , 230 thousands , 50 is**56,230,050**.....
- 42 $634 \div 7 = \dots\dots$ **90**.....R.....**4**.....
- 43 The capacity of juice bottle is 2 litres and 123 millilitres, then its capacity in millilitres is**2,123**.....ml
- 44 $15 \times (19 - 9) + 53 = \dots\dots$ **203**.....
- 45 Find the value of m , y and x**m=30 , x=20 , y=600**...
- 46 3 weeks and 5 days =**26**..... Days
- 47 487,326 to the nearest thousands is**487,000**.....
- 48 36 has ...**5**..... factor pairs .
- 49 The elapsed time from 5 : 40 pm to 10 : 20 PM is**4 hours and 40 minutes**.....
- 50 Convert to the unit shown on the model**2,040**... millilitres
- 51 $0 = \dots\dots$ **0**.....x 45
- 52 The smallest number formed from 8 , 2 , 7 , 0 , 9 is**20,789**.....

	X	6
30	Y	180
5	100	m

2	40
liter	milliliter



- 53 The greatest number formed from 8 , 2 , 7 , 0 , 9 is**98,720**.....
- 54 $93,044,108 = 93,040,000$ (Rounded to the nearest.....**ten thousands**.....)
- 55 The value of the variable in the equation : $b - 1,250 = 3,000$ is**4,250**.....
- 56 $9,000 \text{ grams} = \dots\dots\dots$ **9**.....kilograms
- 57 $24 \div (4 - 1) - 2 = \dots\dots\dots$ **6**.....
- 58 $2,617 - 1,716 = \dots\dots\dots$ **901**.....
- 59 A rectangle of length 7 cm , width 4 cm , then its area =.....**28**..... cm^2
- 60 $2,654 \text{ g} = \dots\dots\dots$ **2**.....kg +**654**.....g
- 61 The value of m is **600**

850
250 m
- 62 4 min and 30 second is**270**.....seconds
- 63 $60 = \dots\dots$ **1**.....x 60
- 64 Quarter hour is**15**.....minutes .
- 65 The only even prime number is**2**.....
- 66 The smallest prime number is**2**.....
- 67 The smallest odd prime number is**3**.....
- 68 The smallest 2-digit prime number is**11**.....
- 69 All prime numbers are odd except**2**.....
- 70 50 tens =**500**.....
- 71 The prime numbers between 20 and 30 are**23,29**.....
- 72 $(5 + 6) + 14 = 5 + (\dots\dots$ **6**..... $+ 14)$
- 73 Expanded form of 3,006,200,000 is ...**3,000,000,000 + 6,000,000 + 200,000**.....

Question 03

Answer the following questions

- 1 Find the perimeter of a square whose side length is 40 m .
 $p = s \times 4 = 40 \times 4 = 160 \text{ m}$
- 2 Find the area of a rectangle whose length is 6 cm and width is 5 cm .
 $A = L \times W = 6 \times 5 = 30 \text{ cm}^2$



- 3 Aliaa is building a rectangular garden with 24 m of fencing . What is the area of the garden if its length is 7 m ?
 $w = (24 \div 2) - 7 = 5 \text{ m}$
 $A = L \times W = 7 \times 5 = 35 \text{ m}^2$
- 4 Sandy has 7 mangoes and Batool has 28 mangoes . How many times of mangoes does Batool have ? Write the equation .
 The equation is $7 \times s = 28$
 Batool has 4 times more than sandy
- 5 Eyad bought 5 books , if the price of each one is 80 LE . What is the total price of them ?
 $80 \times 5 = 400 \text{ LE}$
- 6 A school with 500 students in primary four , if the number of girls is 178 , find the number of boys .
 $500 - 178 = 322 \text{ boys}$
- 7 A bridge of ants consists of 235 ants , and another bridge consists of 146 ants . What is the difference between them ?
 $235 - 146 = 89 \text{ ants}$
- 8 find the GCF of 18 and 24 .
 GCF is 6
- 9 write all factors of 36 .
 factors are 1, 2, 3, 4, 6, 9, 12, 18, 36
- 10 There are 36 boys in the park , 6 of them ran away , the remaining boys want to make teams with 6 boys in each team . How many teams they will make ?
 $36 - 6 = 30 \text{ boys}$ -- $30 \div 6 = 5 \text{ teams}$
- 11 A rectangular picture its dimensions are 9 cm and 6 cm . Losenda wants to make a piece of glass to cover it , what is the area of the glass piece ?
 $A = L \times W = 6 \times 9 = 54 \text{ cm}^2$
- 12 Malek want to distribute 400 stickers among 5 of his friends . How many stickers will each one take ?
 $400 \div 5 = 80 \text{ stickers}$
- 13 Find the product of 48×32
 1,536



- 14 Find the quotient of $816 \div 4$
204
- 15 Sofian placed 36 cans on 6 tables equally . How many cans on each table ?
 $36 \div 6 = 6$ cans
- 16 Find the GCF of 30 and 45
The GCF is 15
- 17 IF 5 students won 456 pounds each . How much money did they win all together ?
 $5 \times 456 = 2,280$ pounds
- 18 If one Dollar is equal 50 pounds , then find the value of 63 Dollars .
 $50 \times 63 = 3,150$ pounds
- 19 Walaa bought 4 plates of apples , each plate had 5 apples . If she ate 4 apples . How many apples are left ?
 **$4 \times 5 = 20$ apples
 $20 - 4 = 16$ apples**
- 20 Youssef bought 8 books for 184 LE , what is the price of one book ?
 $184 \div 8 = 23$ LE
- 21 A tailor used 3 m 32 cm of cloth to make a dress and 2 m , 68 cm to make trousers . What is the total length of cloth did he use ?
 $3 \text{ m , } 32 \text{ cm} + 2 \text{ m , } 68 \text{ cm} = 6 \text{ m}$
- 22 Omar is building a square frame . The side length will be 12 cm . Find the length of the frame .
 $P = 4 \times s = 4 \times 12 = 48 \text{ cm}$
- 23 An ant works from 7 : 20 am to 11 : 30 am . How long does the ant work ?
 $11 : 30 - 7 : 20 = 4 \text{ hours : } 10 \text{ min}$
- 24 Ahmed bought a Laptop for 7,250 pounds and a mobile for 4,750 pounds . If he had 15,000 pounds . How much money are left with him ?
 $15,000 - (4,750 + 7,250) = 3,000$ pounds
- 25 Write all the factors of 24 .
1,2,3,4,6,8,12,24
- 26 Find the product of 74×33
 $74 \times 33 = 2,442$



27 Arrange in an ascending order :
 38,257,967 , 32,968,327 , 42,695 , 7,986,362
 42,695 , 7,986,362 , 32,968,327 , 38,257,967

28 List 5 common multiples of 2 , 3
 0 , 6 , 12 , 18 , 24

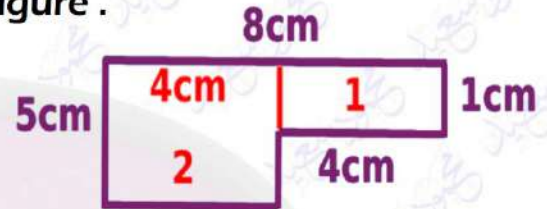
29 Find perimeter and area of the opposite figure .

$$P = 8 + 5 + 4 + 4 + 4 + 1 = 26 \text{ cm}$$

$$A1 = 4 \times 1 = 4 \text{ cm}^2$$

$$A2 = 5 \times 4 = 20 \text{ cm}^2$$

$$A \text{ total} = 20 + 4 = 24 \text{ cm}^2$$



انتهت الأسئلة مع اطيب الامنيات بالنجاح والتوفيق

محمود سعيد



Summary of unit 1

> Big numbers:

4 , 856 , 271 , 935

Place value	Milliards	Hundred millions	Ten millions	millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
Value	4,000,000,000	800,000,000	50,000,000	6,000,000	200,000	70,000	1,000	900	30	5

- The **value** of the digit 2 in the number 65,230,478 is **200,000**
- The **place value** of the digit 3 in the number 23,174,256 is **millions**
- The **digit** in the ten thousands place in the number 176,539 is **7**

million million thousand

4 ↓ , 856 ↓ , 271 ↓ , 935

Four **million**, eight hundred fifty-six **thousand**, two hundred seventy-one **thousand**, nine hundred thirty-five

- The **smallest** number formed from digits (2, 6, 3, 5) is **2,356**
- The **greatest** number formed from digits (5, 9, 0, 2) is **9,520**

> Changing values:

EX: $3 \times 100 = \mathbf{300}$

EX: $20 \times 30 = \mathbf{600}$

EX: 5 hundreds = **500**

EX: 4 times 1,000 = **4,000**

EX: 500 = **5** hundreds

EX: 6 thousand = **600** tens

> Many forms of numbers:

Standard form
(composed form): 5,847,305

Expanded form: 5,000,000 + 800,000 + 40,000 + 7,000 + 300 + 5

Decomposed form: $[5 \times 1,000,000] + [8 \times 100,000] + [4 \times 10,000] + [7 \times 1,000] + [3 \times 100] + [5 \times 1]$

Word form: five million, eight hundred forty-seven thousand, three hundred five

Short-word form 5 million, 847 thousand, 305

> Comparing numbers:

EX: $\overbrace{325,109}^{6 \text{ digits}} < \overbrace{127,178,906}^{9 \text{ digits}} \quad \overbrace{72,109,205}^{8 \text{ digits}} > \overbrace{70,873,300}^{8 \text{ digits}}$

EX: $\boxed{40,000 + 2,000 + 600 + 50 + 3} < \boxed{46,219}$
42,653

➤ Ordering numbers:

- **Ascending order:** from the **smallest** to the **greatest**.
- **Descending order:** from the **greatest** to the **smallest**.

EX: 142,507 6,829 25,369 6,329

Ascending: 6,329 , 6,829 , 25,369 , 142,507

Descending: 142,507 , 25,369 , 6,829 , 6,329

➤ Rounding:

- To the nearest thousand: **EX:** 2,675 \approx 3,000
- To the nearest million: **EX:** 234,278,124 \approx 234,000,000
- To the nearest 100: **EX:** 952 \approx 1,000

اسئلة من امتحانات المحافظات

(1) Choose the correct answer:

- The value of the digit 5 in the number 8,135,712 is
a. 50 b. 500 c. 5,000 d. 50,000
- The value of the digit 2 in the ten millions place is
a. 20,000 b. 200 c. 20,000,000 d. 200,000
- The place value of the digit 8 in the number 3,846,321 is
a. Millions b. Thousands
c. Hundred thousands d. Ten thousands
- The digit in ten thousands place in the number 6,387,512 is
a. 3 b. 4 c. 7 d. 8
- The milliard is the smallest number formed from digits
a. 6 b. 7 c. 10 d. 9
- 3 tens =
a. 90 b. 30 c. 300 d. 3,000
- 250 hundreds =
a. 100 b. 5,200 c. 25,000 d. 100,500
- 10 times greater than the number 430 =
a. 43,000 b. 4,300 c. 430,000 d. 4,000

- 9) 500 tens = Hundreds
a. 5 b. 50 c. 50,000 d. 15
- 10) The expanded form of the number 7,215,603 is
a. $3 + 60 + 5,000 + 10,000 + 200,000 + 7,000,000$
b. $3 + 60 + 500 + 1,000 + 20,000 + 700,000$
c. $3 + 600 + 5,000 + 10,000 + 200,000 + 7,000,000$
d. $3 + 600 + 5,000 + 1,000 + 200,000 + 7,000,000$
- 11) What is the standard form of eighteen million, six hundred five thousand?
a. 18,605,000 b. 81,605,000 c. 1,860,500 d. 18,650,000
- 12) The standard form of 5 million, 36 thousand and 206 is
a. 5,000,036,206 b. 5,036,206 c. 532,206 d. 5,360,206
- 13) $300,000 + 40,000 + 5,000 + 500 + 30 + 2 = \dots\dots\dots$
a. 235,543 b. 3,450,532 c. 345,532 d. 34,032
- 14) $(3 \times 1,000,000) + (5 \times 100,000) + (8 \times 100) = \dots\dots\dots$
a. 35,800 b. 3,500,800 c. 3,005,008 d. 3,580
- 15) 62,234 62,324
a. > b. < c. = d. \leq
- 16) $30,000 + 4,000 + 20 + 1 \dots\dots\dots 6,514$
a. > b. < c. = d. \leq
- 17) 70 tens 70 hundreds
a. > b. < c. = d. \leq
- 18) Which digit can be placed in the square to make the mathematical expression correct?
 $6,201,351 > 6,20 \square, 351$
a. 0 b. 1 c. 2 d. 3
- 19) Rounding the number 34,089 to the nearest ten thousand is
a. 34,000 b. 34,090 c. 30,000 d. 35,000
- 20) Which answer represents rounding 32,582,346 to the nearest million?
a. 30,000,000 b. 32,600,000
c. 32,000,000 d. 33,000,000

- 21) The number $8,239 \approx 8,000$ is rounded to the nearest
- a. Tens b. Hundreds c. Thousands d. Millions
- 22) The value of the digit 0 in the number 29,140,789 is
- a. 0 b. 1,000 c. 10,000 d. 100,000
- 23) The population of a country is 56,724,033 then the place value of the digit 6 is
- a. Thousands b. Hundred thousands c. Millions d. Ten millions
- 24) In which number does the 8 have value of 800
- a. 283,765 b. 235,871 c. 830,025 d. 231,548
- 25) In the number 34,042 the digit 4 in the thousands is equal to times the digit 4 in the tens place.
- a. 10 b. 100 c. 1,000 d. 10,000
- 26) If $3 \times 55 = 165$ then $30 \times 550 = \dots\dots\dots$
- a. 165 b. 1,650 c. 16,500 d. 165,000
- 27) Which expression is the expanded form of 10,005,007
- a. $10,000,000 + 5,000 + 7$ b. $10,000 + 5,000 + 7$
c. $1,000 + 500 + 7$ d. $1,000,000 + 500 + 7$
- 28) Which of the following statement is correct?
- a. $4,646 < 4,664$ b. $4,646 > 4,664$
c. $4,664 < 4,646$ d. $4,646 = 4,664$
- 29) (3 tens, 9 ones) 10×390
- a. > b. < c. = d. Otherwise
- 30) $2,500,000 < \dots\dots\dots$
- a. 25,000 b. 205,000 c. 25,000,000 d. 2,500

(2) Complete:

- 1) The place value of the digit 3 in the number 1,365,854 is
- 2) The value of the digit 5 in the number 346,251,813 is
- 3) The value of the digit 0 in the number 10,281,453 is
- 4) $32,000 = \dots\dots\dots$ Thousands

- 5) 80 tens =
- 6) 17 hundreds = tens
- 7) Four hundred and nine in standard form is
- 8) 34 million, 97 thousand in standard form is
- 9) $3,000,000 + 8,000 + 400 + 30 + 3 = \dots\dots\dots$
- 10) $56,214 = 4 + 10 + \dots\dots + 6,000 + 50,000$
- 11) 7,412,563 = millions, thousands,
- 12) The number 543,186 to the nearest thousand is
- 13) $4,369 \approx \dots\dots\dots$ [to the nearest 100]
- 14) One million is the smallest number formed from digits
- 15) The greatest number formed from the digits 2, 0, 5, 3 is
- 16) The decompose form of the numeral 601,207 is
- 17) $70,000,000 + 126,000 + 450 = \dots\dots\dots$

(3) Answer the following:

- 1) List the following numbers in descending order:

900 thousands , 9 millions , 5 millions and 7 hundred thousands , 500,223

.....

- 2) List the following in an ascending order:

8,092,561 , 9,208,111 , 7,534,786 , 8,650,336

.....

- 3) Write the verbal form of the number: 7,215,603

.....

- 4) Use the associative property of multiplication to get the result: $2 \times 5 \times 14$

.....

- 5) Create a number in the millions that is greater than 178,462,490

.....

Summary of unit 2

> Properties of addition:

- **Commutative property:** $3 + 5 = 5 + 3$
- **Associative property:** $(2 + 4) + 7 = 2 + (4 + 7)$
- **Additive identity:**
 - $6 + 0 = 6$
 - The **additive identity** element is **0**

> Addition and subtraction:

$$\begin{array}{r} 1 \\ 593 \\ + 194 \\ \hline 787 \end{array}$$

$$\begin{array}{r} 7 \quad 10 \\ 805,329 \\ - 354,025 \\ \hline 451,304 \end{array}$$

> Addition and subtraction word problems:

- Addition keywords (+): [sum - together – all – total]
- Subtraction keywords (-): [difference – more than – remain - rest]

> Bar model and equation:

1) $14,000 - n = 6,000$

Bar model:

14,000	
n	6,000

Solution : $14,000 - 6,000 = 8,000$

2) $b - 53,500 = 75,200$

Bar model:

b	
53,500	75,200

Solution : $53,500 + 75,200 = 128,700$

3) $4,500 + c = 29,500$

Bar model:

29,500	
4,500	c

Solution : $29,500 - 4,500 = 25,000$

EX: In the equation $125 + A = 300$, then $A = 300 - 125 = 175$

EX: In the equation $G + 710 = 930$, the value of G is equal to $930 - 710 = 220$

EX: $325 - \dots 125 = 200$

اسئلة من امتحانات المحافظات

(1) Choose the correct answer:

1) The additive identity element is

a. 3

b. 2

c. 0

d. 1

2) $25 + 75 = 75 + 25$, is property

a. Additive identity

b. commutative

c. Associative

d. Otherwise

- 3) $13 + 0 = 13$, is property
- a. Additive identity b. Commutative
c. Associative d. None of the above
- 4) Which of the following represents the commutative property in addition?
- a. $8 + 0 = 8$ b. $7 + 8 = 8 + 7$
c. $3 + 18 = 3 + 11 + 7$ d. $5 + 8 = 3 + 10$
- 5) Which of the following represent associative property in addition
- a. $6 + 1 = 7$ b. $(3 + 5) + 6 = 3 + (5 + 6)$
c. $0 + 15 = 15$ d. $7 + 3 = 3 + 7$
- 6) $253 + [226 + 142] = [253 +] + 142$
- a. 253 b. 226 c. 142 d. 368
- 7) $125,217 + 2,345$ $125,217 - 2,345$
- a. > b. < c. = d. Otherwise
- 8) In the equation: $b - 4,358 = 3,422$, the value of b =
- a. 7,780 b. 6,653 c. 5,662 d. 5,556
- 9) The value of x in the equation: $725,625 + x = 935,075$ is
- a. 292,450 b. 290,450 c. 209,540 d. 209,450
- 10) In the opposite bar model $x =$
- | x | |
|-----|-----|
| 425 | 231 |
- a. 666 b. 566 c. 665 d. 656
- 11) In the bar model, the value of m is
- | 256 | |
|-----|-----|
| m | 180 |
- a. 124 b. 156 c. 76 d. 436
- 12) $17 + = 17$
- a) 0 b) 1 c) 2 d) 3

(2) Complete:

- 1) $5 + 9 = 9 +$
- 2) $[61 + 23] + 24 = + [23 + 24]$
- 3) The additive identity element is
- 4) $854 + 0 =$

5) $91,024 + 32,549 = \dots\dots\dots$

6) $16,473 + 39,124 = \dots\dots\dots$

7) $613 - 247 = \dots\dots\dots$

8) $8,617 - 1,769 = \dots\dots\dots$

9) In the opposite bar model,
the value of the unknown C = $\dots\dots\dots$

C	
3,425	5,274

10) In the opposite bar model, B = $\dots\dots\dots$

235	
200	B

11) In the equation $125 + A = 300$, then A = $\dots\dots\dots$

12) The value of the variable in the equation $k - 1,235 = 2,000$ is $\dots\dots\dots$

13) If $3,000 - B = 2,000$, then the value of B = $\dots\dots\dots$

(3) Answer the following:

1) A road of 675 km length, if a train traveled a distance of 239 km from this road, what is the remaining distance of the road?

.....

.....

2) The country has provided a vaccination against the corona virus. In the first stage 1,653,465 people were vaccinated and 3,312,447 were vaccinated in the second stage. What is the total number of people vaccinated in both stages?

.....

.....

3) Ali bought a laptop for 7,250 L.E. and a mobile for 4000 L.E. How much money did he pay?

.....

.....

4) If the population of Matrouh Governorate is 512901 people and the population of South Sinai Governorate is 112,211 people ,then what is the difference between the population of Matrouh and the population of South Sinai?

.....

.....

5) In the equation $710 + G = 930$, find the value of G

.....

.....

Summary of unit 3

> Measuring length:

Km _ _ m _ dm _ cm _ mm

$$1 \text{ km} = \underline{1,000} \text{ m}$$

$$1 \text{ m} = \underline{100} \text{ cm}$$

$$3 \text{ m}, 28 \text{ cm} = \underline{328} \text{ cm}$$

$$523 \text{ cm} = \underline{5} \text{ m}, \underline{23} \text{ cm}$$

$$3 \text{ km}, 652 \text{ m} = \underline{3,652} \text{ m}$$

$$7,235 \text{ m} = \underline{7} \text{ km}, \underline{235} \text{ m}$$

$\underline{409} \text{ cm}$
$\underline{4} \text{ m} \quad \underline{9} \text{ cm}$

835 cm
$\underline{8} \text{ m} \quad \underline{35} \text{ cm}$

$5,237 \text{ m}$
$\underline{5} \text{ km} \quad \underline{237} \text{ m}$

> Measuring weight (mass):

ton _ _ kg _ _ g

$$1 \text{ kg} = \underline{1,000} \text{ g}$$

$$3000 \text{ g} = \underline{3} \text{ kg}$$

$$3 \text{ kg}, 28 \text{ g} = \underline{3,028} \text{ g}$$

$$6,253 \text{ g} = \underline{6} \text{ kg}, \underline{253} \text{ g}$$

$\underline{2,735} \text{ g}$
$\underline{2} \text{ kg} \quad \underline{735} \text{ g}$

$1,709 \text{ g}$
$\underline{1} \text{ kg} \quad \underline{709} \text{ g}$

$18,230 \text{ g}$
$\underline{18} \text{ kg} \quad \underline{230} \text{ g}$

> Measuring capacity:

L _ _ ml

$$1 \text{ L} = \underline{1,000} \text{ ml}$$

$$4,000 \text{ ml} = \underline{4} \text{ L}$$

$$4 \text{ L}, 970 \text{ ml} = \underline{4,970} \text{ ml}$$

$$7,153 \text{ ml} = \underline{7} \text{ L}, \underline{153} \text{ ml}$$

$\underline{3,165} \text{ ml}$
$\underline{3} \text{ L} \quad \underline{165} \text{ ml}$

$4,507 \text{ ml}$
$\underline{4} \text{ L} \quad \underline{507} \text{ ml}$

$19,208 \text{ ml}$
$\underline{19} \text{ L} \quad \underline{208} \text{ ml}$

$$4 \text{ L}, 235 \text{ ml} + 2 \text{ L}, 423 \text{ ml} = \underline{6} \text{ L}, \underline{658} \text{ ml}$$

$$6 \text{ L}, 879 \text{ ml} - 4 \text{ L}, 125 \text{ ml} = \underline{2} \text{ L}, \underline{754} \text{ ml}$$

➤ Measuring time:

$$1 \text{ week} = 7 \text{ days}$$

$$1 \text{ day} = 24 \text{ hours}$$

$$1 \text{ hour} = 60 \text{ minutes}$$

$$1 \text{ minutes} = 60 \text{ seconds}$$

$$2 \text{ days} = 48 \text{ hours}$$

$$\frac{1}{2} \text{ hour} = 30 \text{ minutes}$$

$$3 \text{ days} = 72 \text{ hours}$$

$$\frac{1}{4} \text{ hour} = 15 \text{ minutes}$$

$$4 \text{ days} = 96 \text{ hours}$$

$$2 \text{ weeks} = \overset{\times 7}{14} \text{ days}$$

$$1 \text{ week}, 3 \text{ days} = \overset{\times 7}{10} \text{ days}$$

$$3 \text{ days} = \overset{\times 24}{72} \text{ hours}$$

$$3 \text{ days}, 5 \text{ hours} = \overset{\times 24}{77} \text{ hours}$$

$$4 \text{ hours} = \overset{\times 60}{240} \text{ minutes}$$

$$2 \text{ hours}, 15 \text{ minutes} = \overset{\times 60}{135} \text{ minutes}$$

$$3 \text{ minutes} = \overset{\times 60}{180} \text{ seconds}$$

$$5 \text{ minutes}, 20 \text{ seconds} = \overset{\times 60}{320} \text{ seconds}$$

➤ Elapsed time:

• Adding time:

$$4:15 + 2:35 = \dots\dots$$

$$\begin{array}{r} \text{hr : min} \\ 4:15 \\ + 2:35 \\ \hline 6:50 \end{array}$$

$$3:40 + 5:30 = \dots\dots$$

$$\begin{array}{r} \text{hr : min} \\ 3:40 \\ + 5:30 \\ \hline 8:70 \\ 9:10 \end{array}$$

60 min
10 min

• Subtracting time

$$6:35 - 2:20 = \dots\dots$$

$$\begin{array}{r} \text{hr : min} \\ 6:35 \\ - 2:20 \\ \hline 4:15 \end{array}$$

$$7:25 - 3:40 = \dots\dots$$

$$\begin{array}{r} \text{hr : min} \\ 7:25 \\ - 3:40 \\ \hline 3:45 \end{array}$$

- **Elapsed time** = end time – start time

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(1) Choose the correct answer:

1) 4 km = m

a. 40

b. 400

c. 4,000

d. 4

2) 5 m = cm

a. 5

b. 50

c. 500

d. 5,000

3) 423 cm =

a. 23 m, 4 cm

b. 42 m, 3 cm

c. 4 m, 23 cm

d. 3 m, 42 cm

4) 6 m, 50 cm = cm

a. 605

b. 650

c. 560

d. 6,500

- 5) $3 \text{ kg} = \dots \text{ gm}$
 a. 3 b. 30 c. 300 d. 3,000
- 6) $5,000 \text{ grams} = \dots \text{ kilograms}$
 a. 50 b. 500 c. 5 d. 1,000
- 7) $5 \text{ kg and } 861 \text{ gm} = \dots \text{ gm}$
 a. 5,861 b. 58,160 c. 5,000,861 d. 5,861,000
- 8) $6,325 \text{ g} = \dots$
 a. 6,000 kg, 352 g b. 63 kg, 25 g
 c. 60 kg, 325 g d. 6 kg, 325 g
- 9) If $8,000 \text{ g} = 5 \text{ kg} + a$, then $a = \dots$
 a. 3 g b. 3,000 g c. 7,500 g d. 6 kg
- 10) $3 \text{ liters} = \dots \text{ milliliters}$
 a. 3 b. 30 c. 300 d. 3,000
- 11) $13 \text{ L, } 30 \text{ ml} = \dots \text{ ml}$
 a. 1,330 b. 13,030 c. 43 d. 3,013
- 12) The capacity of juice can is 1 liter and 500 ml, then its capacity in milliliters = $\dots \text{ ml}$
 a. 150 b. 1,500 c. 15,000 d. 1,005
- 13) $7 \text{ liters, } 150 \text{ milliliters} - 780 \text{ milliliters} = \dots \text{ milliliters}$
 a. 5,370 b. 6,000 c. 370 d. 6,370
- 14) $2 \text{ hours} = \dots \text{ minutes}$
 a. 24 b. 60 c. 120 d. 360
- 15) $5 \text{ weeks, } 5 \text{ days} = \dots \text{ days}$
 a. 10 b. 25 c. 40 d. 50
- 16) $1 \text{ day and } 5 \text{ hours} = \dots \text{ hours}$
 a. 29 b. 65 c. 15 d. 35
- 17) $8:25 - 45 \text{ minutes} = \dots$
 a. 8 b. 8:20 c. 7:40 d. 8:70
- 18) $3:12 + 2:27 = \dots$
 a. 5:00 b. 5:39 c. 6:00 d. 6:30

19) 80 m 800 cm

a. >

b. <

c. =

d. Otherwise

20) 8 kilometers, 45 meters = meters

a. 845

b. 855

c. 8,000,045

d. 8,045

21) 10 meters = centimeters

a. 10

b. 100

c. 1,000

d. 7

22) Is a unit of measuring mass.

a. Km

b. Liter

c. Hour

d. Kg

23) A week and 3 days = days

a. 7

b. 10

c. 13

d. 17

24) Using the relationship between units of length, choose the correct answer to complete the table:

Kilometer	Meter	Centimeter
60	60,000

a. 600

b. 60,000

c. 6,000

d. 6,000,000

25) Which of the following is the greatest mass

a. 9 kg

b. 16 kg

c. 12,000 g

d. 8,000 g

26) A box has a mass of 5 kg and 700 g, then its mass in grams =

a. 5,700

b. 7,005

c. 7,500

d. 5,007

27) 7,500 g 75 kg

a. <

b. >

c. =

d. Otherwise

28) A jug of 10 liters of water, how many milliliters does it have?

a. 100

b. 1,000

c. 10,000

d. 100,000

29) 96 hours = days

a. 2

b. 3

c. 4

d. 5

30) Adel spends 6 hours at school. If we want to calculate Adel's school day in minutes, we

a. add 6 to 60

b. add 6 to 24

c. multiply 6 by 60

d. multiply 6 by 24

(2) Complete:

- 1) 5 km = m
- 2) 6 dm = cm
- 3) m = 350 dm
- 4) 650 mm = cm
- 5) 9,250 meters = km + m
- 6) 8 meters, 45 cm = cm
- 7) 8,000 grams = kilograms
- 8) 3kg and 258 g = g
- 9) 35 kg and 86 g = cm
- 10) 9,000 ml = liters
- 11) 32 L, 77 ml = ml
- 12) A week and two days = days
- 13) 4 minutes and 20 seconds = seconds
- 14) Convert to the unit shown on the model grams
- 15) $3 : 25 + 6 : 42 = \dots\dots\dots$
- 16) 5 week = days
- 17) 9,000 mm = cm
- 18) 6 m and 35 cm = cm

5 kg	275 g
------	-------

(3) Answer the following:

- 1) The day is 24 hours, how many hours are there in 3 days?
.....
- 2) Hossam sleeps 8 hours each day. How many minutes does Hossam sleep each day?
.....
- 3) Amany is a swimmer. She spends half of an hour every day swimming. How many minutes in total does she swim for during a 5-days?
.....
- 4) Write the numbers in an ascending order:
8 m , 8,000 cm , 8 km , 8 mm
.....

Summary of unit 4

➤ Perimeter and area of rectangle and square:

L : Length

W : Width

S : Side length

Perimeter of rectangle:	$P = L + W + L + W$	$P = 2L + 2W$	$P = (L + W) \times 2$
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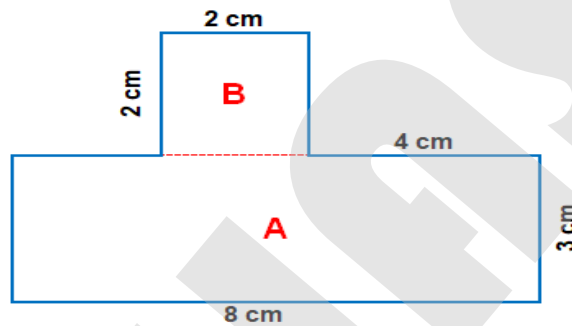
Perimeter of square:	$P = S + S + S + S$	$P = S \times 4$
-----------------------------	---------------------	------------------

Area of rectangle:	$A = L \times W$
---------------------------	------------------

Area of square:	$A = S \times S$
------------------------	------------------

➤ Complex figures:

EX:



Perimeter = $3 + 8 + 3 + 2 + 2 + 2 + 2 + 4$
= 26 cm

Area of A = $3 \times 8 = 24 \text{ cm}^2$

Area of B = $2 \times 2 = 4 \text{ cm}^2$

Area of all figure = $24 + 4 = 28 \text{ cm}^2$

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(1) Choose the correct answer:

- 1) A rectangle its length is L and its width is w what is its perimeter?

a. $L + w$
b. $2 \times (L + w)$
c. $L \times w$
d. $(2 \times L) + w$
- 2) The perimeter of the rectangle whose length is 8, width is 5 cm equals cm

a. 13
b. 26
c. 30
d. 40
- 3) A square whose side length is 5 cm , then its perimeter is cm

a. 20
b. 25
c. 15
d. 35

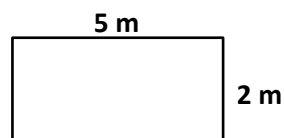
4) The perimeter of the opposite rectangle equals

a. 10 m

b. 20 m

c. 14 m

d. 14 cm



5) The side length of a square whose perimeter 28 is cm

a. 7

b. 14

c. 5

d. 4

6) The perimeter of a square is 40 cm, then its side length = cm

a. 4

b. 1,600

c. 160

d. 10

7) Which of the following is a unit of measuring area?

a. cm

b. mm^2

c. mm

d. dm

8) If the length of a rectangle is L and its width is w , then its area A =

a. $2 \times (L + w)$

b. $L + w$

c. $L \times w$

d. $L \div w$

9) Area of square = side length \times

a. Itself

b. Width

c. 4

d. height

10) Perimeter of square = side length \times

a. Itself

b. Width

c. 4

d. height

11) A rectangle its length is 8 cm and its width is 4 cm , then its area = cm^2

a. 32

b. 12

c. 24

d. 64

12) A rectangle of length 20 cm and width 10 cm. then its area equals cm^2

a. $2 \times 20 + 2 \times 10$

b. $20 + 10$

c. 60

d. 200

13) A square whose side length is 8 cm , then its area =

a. 64 cm

b. 32 cm

c. 64 cm^2

d. 32 cm^2

14) If the area of a rectangle 35 cm^2 and its length 7 cm , then its width =

a. 4 cm

b. 5 cm

c. 6 cm

d. 7 cm

15) A square whose area 36 cm^2 , then its side length is cm

a. 4

b. 5

c. 6

d. 9

(2) Complete:

- 1) The perimeter of the rectangle = (length + width) \times
- 2) A rectangle has length (L) and width (W), its perimeter =
- 3) If the side length of square (s) , then its perimeter = \times
- 4) The perimeter of the rectangle its length is 7 cm and width is 5 cm equals cm
- 5) A square of side length 3 cm , then its perimeter = cm
- 6) A carpet in the shape of a square of side length 3 m , its perimeter = m
- 7) The perimeter of the square is 20 cm, then its side length is cm
- 8) The length of the side of a square whose perimeter is 28 cm is cm
- 9) The perimeter of a rectangle is 18 cm and its length is 5 cm , then its width is.... cm
- 10) Area of rectangle = \times
- 11) Area of square = \times
- 12) Area of square = side length \times
- 13) A rectangle of length 7 cm and width 4 cm , then its area = cm^2
- 14) A garden in the shape of a square whose side length is 9 meters , then its area = square meters
- 15) The area of a rectangle its dimensions are 5 cm and 3 cm is
- 16) The length of a rectangle is 10 mm and the width is 8 mm, then the area of this rectangle equals
- 17) The area of the square is 25 cm^2 , then its side length is cm
- 18) The area of a rectangle is 24 cm^2 and its width is 4 cm , then its length is cm
- 19) A square has an area of 16 square centimeters, then its perimeter = cm

(3) Answer the following:

- 1) A rectangular gymnasium is 7 meters long and 4 meters wide.
Find its perimeter
.....
- 2) Amgad has a garden in squared shape with side length 6 m. what is the area of this garden?
.....
- 3) Which is greater, the area of a rectangle with dimensions 7 cm and 5 cm or the area of a square with side length 6 cm?
.....

4) A rectangle of length 5 cm and width 3 cm. find the perimeter.

.....

5) A squared-shaped room has a side length 4 meters. What is the area of the ground of the room in square meters?

.....

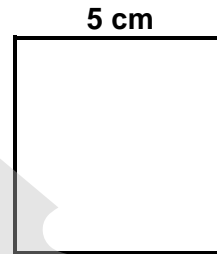
6) A squared picture with side length 8 cm , Hussein wants to make a piece of glass to cover this picture ,what is the area of the glass piece ?

.....

7) Find the area and perimeter of the square.

A =

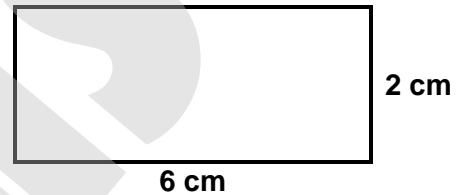
P =



8) Find the area and perimeter.

A =

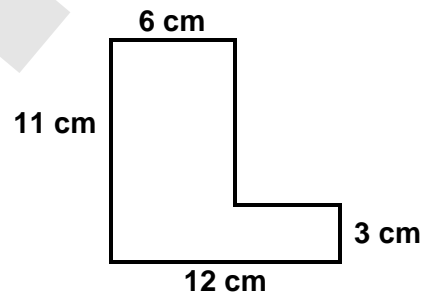
P =



9) Find the area and perimeter.

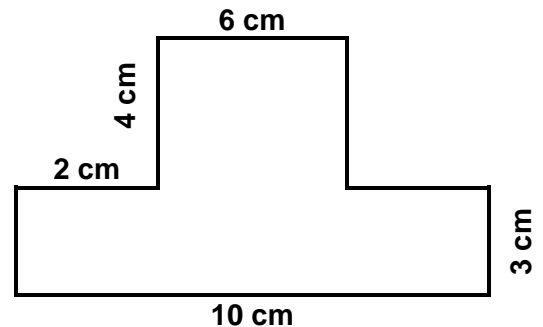
A =

P =



10) Find the perimeter of the opposite figure

P =



Summary of unit 5

➤ Multiplicative equation:

Ex: $3 + 3 + 3 + 3 + 3 = \dots 3 \times 5 \dots$

Ex:

3	3	3	3	3
---	---	---	---	---

 $= \dots 3 \times 5 \dots$

➤ Multiplicative comparison:

Ex: 2 times the number 3 is $\dots 6 \dots$

Ex: 18 is $\dots 3 \dots$ times the number 6

Ex: 21 is 3 times the number $\dots 7 \dots$

Ex:

5	5	5	5
---	---	---	---

$\dots 20 \dots$ is $\dots 4 \dots$ times the number 5

➤ Solve multiplicative equation:

Ex: $m \times 3 = 15$

Sol: $m = 15 \div 3$
 $m = 5$

Ex: $2 \times X = 12$

Sol: $X = 12 \div 2$
 $X = 6$

Ex: $4 \times 5 = y$

Sol: $y = 4 \times 5$
 $y = 20$

➤ Properties of multiplication:

- **Commutative** property:

$3 \times 5 = 5 \times 3$

Ex: $4 \times 7 = \dots 7 \dots \times 4$

- **Associative** property:

$(2 + 4) + 7 = 2 + (4 + 7)$

Ex: $3 \times 2 \times 5 = \dots 30 \dots$

Ex: $5 \times (7 \times 2) = (5 \times \dots 7 \dots) \times 2$

- **Multiplicative identity:**

$5 \times 1 = 5$

Ex: $5 \times 1 = \dots 5 \dots$

Ex: $17 \times \dots 1 \dots = 17$

- The **multiplicative identity** element is **1**

- **Zero property:**

$8 \times 0 = 0$

Ex: $6 \times 0 = \dots 0 \dots$

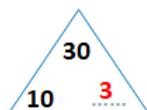
Ex: $8 \times \dots 0 \dots = 0$

- **Multiplying by 10, 100, :**

Ex: $5 \times 100 = \dots 500 \dots$

Ex: $7 \times \dots 1,000 \dots = 7,000$

- **Dividing by 10:**



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(1) Choose the correct answer:

1) $6 + 6 + 6 + 6 = 6 \times \dots\dots\dots$

a. 24

b. 4

c. 5

d. 6

2) 10 times the number 430 is

a. 430

b. 4,300

c. 43,000

d. 430,000

3) The number equals 6 times 4

a. 10

b. 2

c. 24

d. 12

4) The number 15 equals 3 times the number

a. 4

b. 5

c. 6

d. 7

5) 45 is times the number 5

a. 9

b. 6

c. 5

d. 40

6) $600 \times 3 = 3 \times \dots\dots\dots$

a. 300

b. 400

c. 500

d. 600

7) If $a \times 4 = 4 \times 2$, then $a = \dots\dots\dots$

a. 8

b. 4

c. 2

d. 6

8) $28 \times 15 = 15 \times 28$ represents property

a. Associative

b. Commutative

c. Identity multiplicative

d. distributive

9) Which equation would be best to in an explanation of the commutative property of multiplication?

a. $3 \times 1 = 3$

b. $9 \times 6 = 6 \times 9$

c. $6 \times (2 \times 4) = (6 \times 2) \times 4$

d. $5 \times 16 = (5 \times 11) + (5 \times 5)$

10) $2 \times (5 \times 4) = (2 \times \dots\dots) \times 4$

a. 0

b. 1

c. 10

d. 5

11) Which equation would be best to in an explanation of the associative property of multiplication?

a. $(9 \times 12) \times 0 = 0$

b. $(3 \times 7) \times 2 = 3 \times (7 \times 2)$

c. $(4 \times 6) \times 1 = 4 \times 6$

d. $(11 \times 8) \times 9 = 9 \times (11 \times 8)$

12) $35 \times 0 = \dots\dots\dots$

a. 1

b. 34

c. 0

d. 43

13) Which choice best shows the zero property of multiplication?

a. $1 \times 5 = 5$

b. $9 \times 6 = 6 \times 9$

c. $6 \times 10 = 60$

d. $0 \times 5 = 0$

14) The multiplicative identity element is

a. 1

b. 2

c. 3

d. 4

15) If $850 \times m = 850$, then $m = \dots\dots\dots$

a. 1

b. 850

c. 2

d. 0

16) $34 \times \dots\dots\dots = 3,400$

a. 1

b. 10

c. 100

d. 1,000

17) $80 \times 60 = \dots\dots\dots \times 100$

a. 84

b. 80

c. 48

d. 4,800

18) 100,000 is

Times the number 10,000

a. 10

b. 100

c. 1,000

d. 10,000

19) $8,000 = \dots\dots\dots$ tens

a. 800

b. 80,000

c. 80

d. 8

20) $700 = \dots\dots\dots$ Hundreds

a. 7

b. 700

c. 70

d. 7,000

(2) Complete:

1) $7 + 7 + 7 + 7 = 7 \times \dots\dots\dots$

2) The multiplicative equation of $8 + 8 + 8 + 8 + 8 = 40$ is

3) 7 times as the number 5 =

4) 28 is times the number 7

5) $20 \times 6 = 6 \times \dots\dots\dots$

6) $4 \times 7 = 7 \times 4$ property

7) $3 \times (5 \times 4) = (3 \times \dots\dots\dots) \times 4$

8) $(2 \times 3) \times 5 = \dots\dots\dots$

9) $4 \times 3 \times 7 = 4 \times \dots\dots\dots$

- 10) $255 \times 0 = \dots\dots\dots$
11) $15 \times \dots\dots\dots = 0$
12) $19 \times \dots\dots\dots = 19$
13) $30 \times 50 = \dots\dots\dots$
14) $123 \times 100 = \dots\dots\dots$
15) $500 \times 7 = \dots\dots\dots$
16) $6,000 \times \dots\dots\dots = 42,000$
17) $\dots\dots\dots \times 245 = 24,500$
18) $\dots\dots\dots \times 70 = 3,500$
19) $90 = \dots\dots\dots$ tens
20) $3,200 = \dots\dots\dots$ hundreds
21) If $A \times 6 = 18$, then $A = \dots\dots\dots$
22) If $1,000 \times z = 3,000$, then $z = \dots\dots\dots$
-

(3) Answer the following:

- 1) Ayman ate 4 figs in the morning. His older brother ate 3 times as many. How many figs did his brother eat?
.....
- 2) A piece of land is in the shape of a rectangle with a width of 9 meters and a length three times its width. Find its length
.....
- 3) Sarah walked 5,000 meters every day for 9 days, what is the total number of kilometers that Sarah walked?
.....
- 4) Mariam bought 4 mobiles, the price of each mobile is 1,000 pounds, How much did Mariam pay?
.....
- 5) Ahmed bought 10 pens, if the price of a pen is 200 piasters, what is the price of all pens?
.....
- 6) Ali travelled 8 days continuously; he travelled 3,000 m each day. How many kilometers did he travel in all?
.....

Summary of unit 6

➤ Prime and composite numbers:

- The **common factor** of all numbers is **1**
- The **prime** number has only **two factors** (1 and it self)
- The **composite** number has **more than two** factors
- The **prime** numbers: **2, 3, 5, 7, 11, 13, 17,**
- The only **even prime** number is **2**
- The **smallest prime** number is **2**
- The **smallest odd prime** number is **3**

EX:
$$\begin{array}{r|l} 5 \\ 1 & 5 \end{array}$$

EX:
$$\begin{array}{r|l} 8 \\ 1 & 8 \\ 2 & 4 \end{array}$$

➤ Greatest common factor (G.C.F):

Ex: Find the greatest common factor (G.C.F) of 12 and 18

- Factors of 12: **1, 2, 3, 12, 6, 4**
- Factors of 18: **1, 2, 3, 18, 9, 6**
- Common factors: **1, 2, 3, 6**
- G.C.F: **6**

$$\begin{array}{r|l} 12 \\ 1 & 12 \\ 2 & 6 \\ 3 & 4 \end{array}$$

$$\begin{array}{r|l} 18 \\ 1 & 18 \\ 2 & 9 \\ 3 & 6 \end{array}$$

➤ Multiples and common multiples:

- The **common multiple** of all numbers is **0**
- **Any number** is a **factor** and **multiple** of itself

EX: Find the multiples of each of the numbers 2 and 3 up to 30. Then find the common multiples between them.

Sol:

- Multiples of 2: **0, 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30**
- Multiples of 3: **0, 3, 6, 9, 12, 15, 18, 21, 24, 27, 30**
- Common multiples of 2 and 3: **0, 6, 12, 18, 24, 30**

➤ Relation between factors and multiples:

Ex: $1 \times 6 = 6$ $2 \times 3 = 6$

- **1, 6, 2, 3** are **factors** of **6**
- **6** is a **multiple** of each of **1, 6, 2, 3**

$$\begin{array}{ccccc} 2 & \times & 3 & = & 6 \\ \downarrow & & \downarrow & & \downarrow \\ \text{factor} & & \text{factor} & & \text{multiple} \end{array}$$

(1) Choose the correct answer:

- 1) The all factors of 16 are

a. 1, 16	b. 2, 4, 8
c. 1, 2, 4, 8, 16	d. 1, 2, 4, 6, 8, 16
- 2) 1, 2, 4, 8 are factors of the number

a. 15	b. 8	c. 17	d. 18
-------	------	-------	-------
- 3) 3 and 7 are factors of

a. 36	b. 35	c. 18	d. 21
-------	-------	-------	-------
- 4) The number is a factor of 63

a. 2	b. 5	c. 7	d. 11
------	------	------	-------
- 5) The number 15 has factors

a. 2	b. 3	c. 4	d. 5
------	------	------	------
- 6) The smallest odd prime number is

a. 0	b. 1	c. 2	d. 3
------	------	------	------
- 7) The prime number has factors only

a. 0	b. 2	c. 1	d. 4
------	------	------	------
- 8) Which of the following is a prime number?

a. 4	b. 7	c. 15	d. 18
------	------	-------	-------
- 9) A prime number lying between 20 and 25 is

a. 21	b. 22	c. 23	d. 24
-------	-------	-------	-------
- 10) The composite number has factors

a. 1	b. More than 2	c. 2	d. 0
------	----------------	------	------
- 11) The common factor of all numbers is

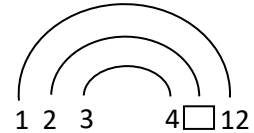
a. 3	b. 2	c. 1	d. 0
------	------	------	------

- 12) Which number is the greatest common factor (G.C.F) of 12 and 6?
a. 2 b. 3 c. 6 d. 12
- 13) The common multiple of all numbers is
a. 0 b. 1 c. 2 d. 3
- 14) Which of the following is a multiple of 8?
a. 1 b. 2 c. 4 d. 16
- 15) Which of the following is a factor of 8?
a. 16 b. 24 c. 32 d. 4
- 16) 0, 8, 16, 24 are all multiples of the number
a. 0 b. 8 c. 16 d. 24
- 17) The multiple of 4 is
a. 1 b. 2 c. 3 d. 4
- 18) 30 is a multiple of
a. 8 b. 7 c. 6 d. 4
- 19) Which of the following is NOT multiple of 7?
a. 42 b. 63 c. 707 d. 27
- 20) Which is NOT a common multiple of 9 and 6?
a. 18 b. 27 c. 36 d. 54
- 21) The correct relation between two numbers 6 and 18 is
a. 6 is a factor of 18 b. 6 is a multiple of 18
c. 18 is a factor of 6 d. 18 is the twice of 6

(2) Complete:

- 1) The only even prime number
- 2) The smallest prime number is
- 3) The smallest odd prime number is
- 4) The prime number has factors

- 5) The number that has only two factors and their sum equals 8 is
- 6) The common factor for all numbers is
- 7) The common multiple for all numbers is
- 8) The G.C.F of 8 and 16 is
- 9) The numbers 1, 3, 9, 27 are factors of
- 10) The number of factors of number 9 is
- 11) The missing factor in the opposite rainbow is



(3) Answer the following:

- 1) Write all factors of the number 24, then decide if the number is a prime or composite.
.....
.....
- 2) Write the common factors of 12 and 18 , then find the greatest common factor (G.C.F)
.....
.....
- 3) Find the G.C.F of 25 and 35
.....
.....
- 4) Find the G.C.F of 6 and 8
.....
.....
- 5) Find the G.C.F of 30 and 45
.....
.....
- 6) Find 4 multiples of the number 9
.....
.....
- 7) write two common multiples of the number 5 and 7
.....
.....
- 8) An even number between 20 and 30. Some of its factors include 1, 2, 4, 7 and 14. What is it?
.....
.....

Summary of unit 7

➤ Multiplying a number by 1-digit number:

EX: find the product of 4×236

• Distributive:	• Area model:	• Partial algorithm:	• Standard algorithm:
$= 4 \times (200 + 30 + 6)$ $= (4 \times 200) + (4 \times 30) + (4 \times 6)$ $= 800 + 120 + 24$ $= \underline{944}$ $\begin{array}{r} 800 \\ + 120 \\ + 24 \\ \hline 944 \end{array}$	$\begin{array}{r} 200 \quad 30 \quad 6 \\ 4 \begin{array}{ c c c } \hline 800 & 120 & 24 \\ \hline \end{array} \\ 800 \\ + 120 \\ + 24 \\ \hline \underline{944} \end{array}$	$\begin{array}{r} 236 \\ \times 4 \\ \hline 24 \\ + 120 \\ + 800 \\ \hline \underline{944} \end{array}$	$\begin{array}{r} 1 \ 2 \\ 236 \\ \times 4 \\ \hline \underline{944} \end{array}$

➤ Multiplying multiples of 10:

EX: $30 \times 50 = \underline{1,500}$

EX: $20 \times 34 = \underline{680}$

➤ Dividing by a 1-digit number:

$6 \div 3 = 2 \text{ R } 0$

dividend
divisor
quotient
remainder

$7 \div 3 = 2 \text{ R } 1$

dividend
divisor
quotient
remainder

➤ Dividing multiples of 10:

EX: $500 \div 5 = \underline{100}$

EX: $7,000 \div 10 = \underline{700}$

EX: $12 \text{ tens} \div 6 = \underline{20}$

EX: $300 \div \underline{100} = 3$

➤ Dividing a number by 1-digit number:

• Area model	• Partial algorithm:	• Standard algorithm:
<p>EX: $618 \div 3 = \underline{206}$</p> $\begin{array}{r} 3 \begin{array}{ c c } \hline 600 & 18 \\ \hline \end{array} \\ 200 \quad 6 \end{array}$	<p>EX: $658 \div 3 = \underline{219} \text{ R } 1$</p> $\begin{array}{r} 3 \begin{array}{ c } \hline 658 \\ \hline \end{array} \begin{array}{l} 200 \\ 10 \\ 9 \end{array} \\ - 600 \\ \hline 58 \\ - 30 \\ \hline 28 \\ - 27 \\ \hline 01 \end{array}$	<p>EX: $1,367 \div 5 = \underline{203}$</p> $\begin{array}{r} 203 \\ 4 \overline{) 812} \\ - 8 \\ \hline 012 \\ - 12 \\ \hline 00 \end{array}$ <div style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <ol style="list-style-type: none"> 1. Divide 2. Multiply 3. subtract 4. Bring 5. repeat </div>

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(1) Choose the correct answer:

1) The opposite area model represents the product 9×52 , then the missing value in the model is

- a. 9 b. 100
c. 45 d. 18

	50	2
9	450

2) The opposite area model the value of a =

- a. 32 b. 12
c. 420 d. 232

	70	5
6	a	30

3) The opposite area model represents multiplication equation of

- a. 8×56 b. 8×65
c. 6×86 d. 9×68

	60	5
8	480	40

4) The opposite area model equals

- a. 532 b. 523
c. 530 d. 5,000

	70	6
7	490	42

5) Which of the following represents 35×6 ?

- a. $(5 \times 6) + (30 \times 6)$ b. $(50 \times 6) + (3 \times 6)$
c. $(5 \times 6) + (3 \times 6)$ d. $(50 \times 6) + (30 \times 6)$

6) Which partial products can be used to solve (35×6) ?

- a. $(3 \times 6) + (50 \times 6)$ b. $(30 \times 6) + (50 \times 6)$
c. $(30 \times 6) + (5 \times 6)$ d. $(3 \times 6) + (5 \times 6)$

7) $7 \times 526 = 7 \times (..... + 20 + 6)$

- a. 5 b. 50 c. 500 d. 5,000

8) $(7 \times 30) + (7 \times 5) =$

- a. 7×53 b. 70×53 c. 73×75 d. 7×35

9) $21 \times 3 = \dots\dots\dots$

a. 53

b. 63

c. 73

d. 83

10) $60 \times 70 = \dots\dots\dots$

a. 420

b. 4,200

c. 42,000

d. 2,400

11) The divisor in the following operation $91 \div 7 = 13$ is $\dots\dots\dots$

a. 7

b. 13

c. 75

d. 91

12) $46 \div 9 = 5 \text{ R } 1$, then the dividend is $\dots\dots\dots$

a. 46

b. 9

c. 1

d. 5

13) The remainder of dividing 37 by 5 is $\dots\dots\dots$

a. 2

b. 5

c. 7

d. 1

14) $11 \div 3 = \dots\dots\dots$

a. 3 R 1

b. 4 R 1

c. 3 R 2

d. 4 R 2

15) If 37 oranges are distributed equally among 5 plates, how many oranges will be left?

a. 5

b. 2

c. 7

d. 0

16) $180 \div 2 = \dots\dots\dots$

a. 9

b. 19

c. 90

d. 80

17) $550 \div 5 = \dots\dots\dots$

a. 101

b. 100

c. 110

d. 11

18) $312 \div 3 = \dots\dots\dots$

a. 14

b. 13

c. 401

d. 104

19) $606 \div 6 = \dots\dots\dots$

a. 101

b. 11

c. 100

d. 16

20) $963 \div 3 = \dots\dots\dots$

a. 321

b. 333

c. 222

d. 111

21) $240 \div 4 = \dots\dots\dots$

- a. 6 b. 60 c. 8 d. 40

22) $515 \div 5 = \dots\dots\dots$

- a. 130 b. 103 c. 13 d. 101

23) $20,000 \div 5 = \dots\dots\dots$

- a. 40 b. 400 c. 4,000 d. 40,000

24) Using the following area model, the quotient equals

- a. 545 b. 109
c. 100 d. 9

5	$5 \times 100 = 500$	$5 \times 9 = 45$
	100	9

25) Maha use the opposite model of rectangle area to find the result of $369 \div 3$, then $M = \dots\dots\dots$

- a. 123 b. 9
c. 3 d. 396

	100	20	3
3	300	60	M

26) By using the following partial quotients, the quotient is

- a. 137 R1 b. 137 R0 c. 223 R6 d. 223 R1

6	823	100
-	600	
	223	30
-	180	
	43	7
	42	
	01	

27) From the following division form. The dividend is

- a. 6 b. 823 c. 137 d. 1

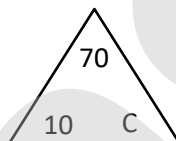
6	823	100
-	600	
	223	30
-	180	
	43	7
	42	
	01	

28) If $73 \times 8 = 584$, then $584 \div 8 = \dots\dots\dots$

- a. 78 b. 73 c. 83 d. 87

(2) Complete:

- 1) The product of: $5 \times 2,523$ is equal to
- 2) $5 \times 467 = (5 \times 400) + (5 \times \dots) + (5 \times 7)$
- 3) $512 \div 8 = \dots$
- 4) $5 \div 4 = \dots$, remainder
- 5) $10 \div 2 = 5 \text{ R } \dots$
- 6) $4,000 \div 4 = \dots$
- 7) $912 \div 3 = \dots$
- 8) If $641 \times 7 = 4,487$, then $4,487 \div 7 = \dots$
- 9) The quotient in $480 \div 10 = 48$ is
- 10) If $770 \div 10 = 77$, then the divisor is
- 11) $38 \div 6 = \dots \text{ R } 2$
- 12) In the opposite model:
C =



(3) Answer the following:

- 1) If the mass of a box is 124 kg ,then find the mass of 5 boxes with the same mass
.....
- 2) A factory produced 4,256 toys in each month. How many toys were produced in 3 months?
.....
- 3) Ahmed bought 4 balls, if the price of each ball is 85 pounds, how much money did he pay?
.....
- 4) A sweet box filled with 15 sweet pieces, what is the number of sweets in 7 boxes?
.....
- 5) Ahmed has 84 stickers, he distributed them equally among 7 of his friends , what is the share of each one ?
.....
- 6) There are 72 students in the playground, and we need to divide the students into teams , so that each team includes 9 students, How many teams can be formed?
.....
- 7) Rashida saved 545 L.E, to buy a toy, She did this by saving 5 L.E. every day, How many days did she have to work to save enough money to buy the toy?
.....
- 8) Find the product of of: 126×7
.....
- 9) Find the quotient of: $246 \div 6$
.....

> Order of operations:

• The order is:

- 1) Perform any operation in parenthesis. ()
- 2) Multiply and divide from left to right. \times, \div
- 3) Add and subtract from left to right. $+, -$

Ex: $2 \times (4 + 6)$

$$= 2 \times 10$$

$$= 20$$

Ex: $8 - 6 \div 2$

$$= 8 - 3$$

$$= 5$$

Ex: $15 \div 5 \times 2$

$$= 3 \times 2$$

$$= 6$$

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(1) Choose the correct answer:

- 1) $12 + 6 \div 3 = \dots\dots\dots$
 - a. 14
 - b. 6
 - c. 1
 - d. 16
- 2) $18 \div 3 + 4 - 2 = \dots\dots\dots$
 - a. 8
 - b. 2
 - c. 16
 - d. 0
- 3) $4 + 10 \times 2 - 1 = \dots\dots\dots$
 - a. 41
 - b. 27
 - c. 23
 - d. 14
- 4) $2 + 6 \times 4 - 8 = \dots\dots\dots$
 - a. 8
 - b. 10
 - c. 16
 - d. 18
- 5) $9 + 2 \times (15 \div 5) = \dots\dots\dots$
 - a. 15
 - b. 21
 - c. 11
 - d. 18
- 6) $3 + 2 \times 5 = \dots\dots\dots$
 - a. 13
 - b. 14
 - c. 10
 - d. 25
- 7) $(8 + 2) \div 2 = \dots\dots\dots$
 - a. 4
 - b. 5
 - c. 7
 - d. 12
- 8) $6 \times 4 - 4 = \dots\dots\dots$
 - a. 15
 - b. 20
 - c. 24
 - d. 64

9) $24 \div (4 - 1) - 2 = \dots\dots\dots$

a. 6

b. 10

c. 24

d. 48

10) Which is the first step in evaluating $18 - 15 + 3 \times 8 - 2$?

a. $18 - 15$

b. $15 + 3$

c. 3×8

d. $8 - 2$

11) Which of the following = 6 ?

a. $3 \times 1 + 2$

b. $12 + 6 \div 3$

c. $18 - 3 \times 4$

d. $24 \div 6 + 2$

12) Which of the following = 24 ?

a. $3 \times (3 + 5)$

b. $3 \times 3 + 5$

c. $3 + 3 \times 5$

d. $(3 + 3) \times 5$

(2) Complete:

1) $2 + 5 \times 2 = \dots\dots\dots$

2) $3 + 8 \div 2 = \dots\dots\dots$

3) $16 \div 4 - 2 = \dots\dots\dots$

4) $40 \div (5 + 3) - 1 = \dots\dots\dots$

5) $7 + 12 \times (4 + 6) = \dots\dots\dots$

6) $25 - 3 \times 5 + 2 = \dots\dots\dots$

7) $3 \times 5 - 2 = \dots\dots\dots$

8) $24 \div (4 - 1) + 1 = \dots\dots\dots$

9) $6 + 3 \times 4 - 5 = \dots\dots\dots$

10) $(16 + 8) \div 4 + 2 = \dots\dots\dots$

11) $32 \div 4 - 6 = \dots\dots\dots$

12) $2 + 6 \times 4 - 8 = \dots\dots\dots$

13) $(3 \times 5) - (2 \times 6) = \dots\dots\dots$

(3) Answer the following:

1) Use the order of operations to find: $7 + 12 \times (4 + 6)$

2) Find the value of: $16 \div 4 - 2$

3) Find the value of: $25 - 3 \times 5 + 2$

Q1: Choose the correct answer:

- 1 The perimeter of the rectangle of 8 cm long and 2 cm wide equals cm
☐ a 16 ☐ b 20 ☐ c 6 ☐ d 10
- 2 The number 42,365,978 has digits.
☐ a 7 ☐ b 8 ☐ c 9 ☐ d 10
- 3 Murad wrote $[7 + 5] + 54 = 7 + [5 + 54]$ using the property of addition.
☐ a Associative ☐ b Commutative
☐ c Additive identity ☐ d otherwise
- 4 The value of digit 6 in number 2,476,217 is
☐ a 6 ☐ b 600 ☐ c 60,000 ☐ d 6,000
- 5 The perimeter of a square is 40 cm, then its side length = cm
☐ a 10 ☐ b 20 ☐ c 30 ☐ d 4
- 6 = 5 milliard, 5 million, 5 thousand, 5.
☐ a 5,050,050,005 ☐ b 5,555 ☐ c 5,005,500,005 ☐ d 5,005,005,005
- 7 A square with area 1 m^2 What is its perimeter?
☐ a 1 m ☐ b 2 m ☐ c 3 m ☐ d 4 m
- 8 If Ahmed had 100 pounds, and the sum of what he and his friend had was 350 pounds, How much money did his friend have ?
☐ a 250 ☐ b 150 ☐ c 100 ☐ d 50
- 9 $707 \div 7 = \dots\dots\dots$
☐ a 11 ☐ b 101 ☐ c 110 ☐ d 100
- 10 In the equation : $484 \div 4 = 121$, the divisor is
☐ a 484 ☐ b 121 ☐ c 0 ☐ d 4
- 11 A rectangle with an area 30 cm^2 if its length is 6 cm, then its width equals
☐ a 6 cm ☐ b 5 cm ☐ c 11 cm ☐ d 30 cm
- 12 If 45 dates are distributed equally among 7 plates how many dates will be left?
☐ a 0 ☐ b 1 ☐ c 2 ☐ d 3
- 13 Which of the following equals 9 ?
☐ a $25 \div 5 + 4$ ☐ b $25 - 10 - 4$ ☐ c $3 \times 3 + 2$ ☐ d $8 - 2 \times 3 + 1$



- 14** A rectangle with perimeter is 28 cm, and its width 5 cm, then its area is cm²
☐ a 45 ☐ b 9 ☐ c 14 ☐ d 33
- 15** The even number which is a multiple of 3, 4, 10 together is
☐ a 16 ☐ b 32 ☐ c 28 ☐ d 60
- 16** Which of the following is a factor of 108?
☐ a 2 ☐ b 3 ☐ c 6 ☐ d All the previous
- 17** $5 \times 7 = 7 \times 5$ the property is called
☐ a associative ☐ b commutative ☐ c identity ☐ d otherwise
- 18** If $35,741 - y = 7,425$, then $y =$
☐ a 28,316 ☐ b 43,166 ☐ c 40,213 ☐ d 15,730
- 19** The capacity of a juice can is 1 Liter and 500 mL , then its capacity in milliliters =
☐ a 150 ☐ b 15,000 ☐ c 1,500 ☐ d 150,000
- 20** $[(12 + 6) - 3] \div 5 =$
☐ a 15 ☐ b 6 ☐ c 3 ☐ d 5
- 21** 7,482 cm = m, cm
☐ a 7 m, 482 cm ☐ b 74 m, 82 cm ☐ c 748 m, 2 cm ☐ d 7 m, 82 cm
- 22** What is the number that is 10 times the number 18?
☐ a 28 ☐ b 1,800 ☐ c 180 ☐ d 18
- 23** If $547 \div 5 = 181 \text{ R } 2$, then the dividend is
☐ a 547 ☐ b 5 ☐ c 181 ☐ d 2
- 24** The number 12 has pair of factor[s]
☐ a 6 ☐ b 3 ☐ c 2 ☐ d 4
- 25** A rectangle of length 20 cm and width 10 cm , then its area is square cm
☐ a 60 ☐ b $20 + 10$ ☐ c 200 ☐ d $2 \times 20 + 2 \times 10$
- 26** Fatima start cooking at 6:15 PM. for 50 minutes, so, she finished at P.M
☐ a 6 : 53 ☐ b 6 : 55 ☐ c 7 : 00 ☐ d 7 : 05
- 27** A week and 5 days = days
☐ a 7 ☐ b 12 ☐ c 13 ☐ d 17



- 28** The prime number between 25 to 30 is
☐ a 26 ☐ b 27 ☐ c 28 ☐ d 29
- 29** Which is NOT a common multiple of 3 and 5?
☐ a 12 ☐ b 42 ☐ c 24 ☐ d 36
- 30** $125,217 + 2,345$ $125,217 - 2,345$
☐ a > ☐ b = ☐ c < ☐ d otherwise
- 31** Kilogram is one of measuring unit of
☐ a capacity ☐ b mass ☐ c length ☐ d time
- 32** 7,800 gram 24 kg
☐ a > ☐ b = ☐ c < ☐ d otherwise
- 33** The number building of the number: 75,021 is called form.
☐ a expanded ☐ b decompose ☐ c standard ☐ d word
- 34** The place value of digit 7 in the number 5,726,318 is
☐ a million ☐ b thousands ☐ c hundred ☐ d hundred thousands
- 35** $[112 + 38] + 77 = 112 + [\text{.....} + 77]$
☐ a 38 ☐ b 77 ☐ c 112 ☐ d 150
- 36** In the opposite bar model, the value of the number c =
☐ a 3,000 ☐ b 3,310 ☐ c 2,310 ☐ d 200
- 37** is a measuring unit of capacity.
☐ a km ☐ b Litre ☐ c hour ☐ d kg
- 38** If $25 \times m = 25$, then $m =$
☐ a 1 ☐ b 0 ☐ c 2 ☐ d 3
- 39** Million is the smallest -digit number.
☐ a 6 ☐ b 7 ☐ c 8 ☐ d 9
- 40** $2 \times [5 \times 4] = [2 \times \text{.....}] \times 4$
☐ a 20 ☐ b 1 ☐ c 10 ☐ d 5
- 41** 35,000 hundred = thousands.
☐ a 3,500 ☐ b 350 ☐ c 35,000 ☐ d 35
- 42** Area of rectangle = length x
☐ a itself ☐ b width ☐ c 4 ☐ d height

7,620	
c	4,310

- 43** Which answer represents rounding 32,582,345 to the nearest million ?
☐ a 30,000,000 ☐ b 32,600,000 ☐ c 31,000,000 ☐ d 33,000,000
- 44** The digit in the Hundred Thousand place in the number 3,452,652 is
☐ a 7 ☐ b 6 ☐ c 5 ☐ d 4
- 45** Which of the following represents 35×6 ?
☐ a $[5 \times 6] + [30 \times 6]$ ☐ b $[5 \times 6] + [3 \times 6]$ ☐ c $[50 \times 6] + [3 \times 6]$ ☐ d $[50 \times 6] + [30 \times 6]$
- 46** $27 \div 4 = \dots\dots\dots$
☐ a 6 R 2 ☐ b 3 R 6 ☐ c 6 R 3 ☐ d 6 R 1
- 47** $12 + 6 \div 3 = \dots\dots\dots$
☐ a 14 ☐ b 6 ☐ c 1 ☐ d 16
- 48** A square of side length 4 cm , then its perimeter = cm
☐ a 16 ☐ b 8 ☐ c 12 ☐ d 24
- 49** The number 40 equals 5 times the number
☐ a 4 ☐ b 8 ☐ c 15 ☐ d 25
- 50** $762 + 3,156 = \dots\dots\dots + 762$
☐ a 762 ☐ b 3,918 ☐ c 3,156 ☐ d 1,524
- 51** Which of these statements used only Commutative property of addition to find $17 + 48 + 13$?
☐ a $[17 + 48] + 13$ ☐ b $17 + 13 + 48$ ☐ c $17 + [13 + 48]$ ☐ d $[17 + 13] + 48$
- 52** If $x - 180 = 256$, then $x = \dots\dots\dots$
☐ a 76 ☐ b 436 ☐ c 176 ☐ d 406
- 53** 13 L and 30 mL = mL
☐ a 1,330 ☐ b 13,030 ☐ c 43 ☐ d 3,013
- 54** 4 hours = minutes
☐ a 240 ☐ b 96 ☐ c 14 ☐ d 60
- 55** 3 day and 5 hours = hours
☐ a 8 ☐ b 67 ☐ c 77 ☐ d 29
- 56** $50 \times 120 = \dots\dots\dots \times 100$
☐ a 6 ☐ b 60 ☐ c 170 ☐ d 6,000
- 57** The Multiplicative identity Element is
☐ a 1 ☐ b 0 ☐ c 2 ☐ d 3



58 The bar model

7	7	7	7	7	7
---	---	---	---	---	---

 represent that the number

is 6 times number 7

- (a) 7 (b) 6 (c) 42 (d) 36

59 In the opposite area model, the missing number of multiplying 6×34 is

- (a) 4 (b) 6 (c) 204 (d) 24

	30	4
6	180

60 The G.C.F of 20 and 30 is

- (a) 1 (b) 4 (c) 5 (d) 10

61 is a multiple of 3

- (a) 642 (b) 316 (c) 229 (d) 113

62 Bassem saves 746 pounds monthly, how much money does he save in 9 months ?

- (a) 6,514 (b) 6,714 (c) 6,914 (d) 6,974

63 The product of 192×3 is near close is

- (a) 400 (b) 500 (c) 600 (d) 700

64 The smallest odd prime number is

- (a) 1 (b) 2 (c) 3 (d) 0

65 A square with perimeter 32 cm, then its area is cm^2

- (a) 8 (b) 24 (c) 64 (d) 32

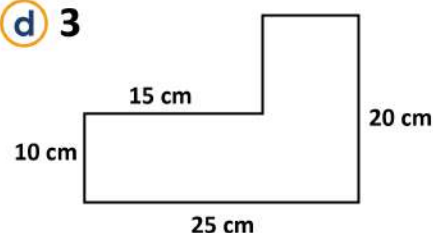
66 $37 \div 9 = 4$ and remainder

- (a) 0 (b) 1 (c) 2 (d) 3

67 In the opposite figure: its area =

- (a) 70 cm (b) 350 cm^2

- (d) 350 cm (c) 90 cm



68 9 minutes and 10 seconds = seconds

- (a) 310 (b) 560 (c) 550 (d) 600

69 27 hundreds $\div 9 =$

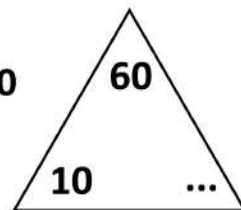
- (a) 30 hundreds (b) 30 tens (c) 3 tens (d) 300 tens

70 Subtract: $613 - 247 =$

- (a) 567 (b) 434 (c) 366 (d) 807



- 71** $840 \div 4 = \dots\dots\dots$
☐ a 21 ☐ b 210 ☐ c 120 ☐ d 420
- 72** Which choice best shows the zero property of multiplication?
☐ a $1 \times 5 = 5$ ☐ b $9 \times 6 = 6 \times 9$ ☐ c $6 \times 10 = 60$ ☐ d $0 \times 8 = 0$
- 73** The missing factor in the box equals
☐ a 6,000 ☐ b 600 ☐ c 60 ☐ d 6
- 74** Area of a square of side length 5 cm = cm^2
☐ a 20 ☐ b 25 ☐ c 15 ☐ d 30
- 75** In the equation $8 \times b = 48$, then $b = \dots\dots\dots$
☐ a 8 ☐ b 7 ☐ c 6 ☐ d 5
- 76** $1,836 \div 3$ is closer to
☐ a 6 ☐ b 60 ☐ c 600 ☐ d 6,000
- 77** 8 kilometers, 45 meters = meters
☐ a 845 ☐ b 855 ☐ c 8,000,045 ☐ d 8,045
- 78** Which is the first step in evaluating $18 - 15 + 3 \times 8 - 2$?
☐ a $18 - 15$ ☐ b $15 + 3$ ☐ c 3×8 ☐ d $8 - 2$
- 79** If ants walk about 3,000 meters each day, then the ants walk km in 5 days
☐ a 3 ☐ b 150 ☐ c 15,000 ☐ d 15
- 80** The quotient of dividing 922 by 3 is and the remainder is 1
☐ a 37 ☐ b 703 ☐ c 307 ☐ d 76
- 81** $9 + 2 \times [15 \div 5] = \dots\dots\dots$
☐ a 15 ☐ b 21 ☐ c 18 ☐ d 11
- 82** 1 and 5 are the common factors of
☐ a 2 and 5 ☐ b 3 and 5 ☐ c 5 and 15 ☐ d 5 and 7
- 83** $515 \div 5 = \dots\dots\dots$
☐ a 130 ☐ b 13 ☐ c 103 ☐ d 101
- 84** Which of the following is a multiple of 6?
☐ a 93 ☐ b 62 ☐ c 108 ☐ d 226
- 85** A square whose area 64 km^2 , then its side length is
☐ a 6 ☐ b 16 ☐ c 8 ☐ d 32
- 86** $2,748 \div 9 = \dots\dots\dots$
☐ a 304 R 2 ☐ b 304 R 3 ☐ c 305 R 2 ☐ d 305 R 3



Q2: Complete the following:

- 1 The side length of the square whose perimeter is 28 cm is cm
- 2 A rectangle its length is [L] and its width is [W], its perimeter =
- 3 is 100 times thirty thousands.
- 4 If $641 \times 7 = 4,487$, then $4,487 \div 7 = \dots\dots\dots$
- 5 The greatest number formed from different 7-digit is
- 6 3,451,951,028 = millions, thousands,
- 7 $9L - 3,000 = \dots\dots\dots L$
- 8 $5,856,469 \approx 5,900,000$ [Rounded to the nearest]
- 9 $8 : 15 + 3 : 50 = \dots\dots\dots$
- 10 24 is times the number 2
- 11 The numbers 1 , 3 , 9 , 27 are all factors of
- 12 2 million , 277 thousand ,191 = (as standard form)
- 13 $38 \div 6 = \dots\dots\dots R2$
- 14 $5 \times 467 = (5 \times 400) + (5 \times \dots\dots\dots) + (5 \times 7)$
- 15 $[16 + 8] \div 4 + 2 = \dots\dots\dots$
- 16 is a factor of all number.
- 17 $7 + 12 \times 4 + 6 = \dots\dots\dots$
- 18 Square has a perimeter 12 cm, then its area is
- 19 $5 \times [2 \times 4] = 5 \times \dots\dots\dots = \dots\dots\dots$
- 20 130 minutes = hours, minutes
- 21 $99,999,862 \approx \dots\dots\dots$ [to the nearest million]
- 22 The Multiplicative identify element is
- 23 The greatest number formed from the digits 2, 0 , 5 , 3 and 7 is
- 24 10 minutes, 7 seconds = seconds
- 25 The number which has only two factors and its sum equals 12 is
- 26 In the opposite bar model: The value of m =

m	
208	517

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- 27** The G.C.F of 7 and 21 is
- 28** A rectangle of perimeter 18 cm, and length 5 cm, then its wide cm
- 29** The number 9 has factors.
- 30** The perimeter of the square of side length 7 cm = cm
- 31** The value of the variable in the equation : $b + 1,000 = 3,000$ is
- 32** 28,000 thousands = millions.
- 33** $15 + 20 \div 4 = \dots\dots\dots$
- 34** A jug of 10 liters of water. How many milliliters does it have ?
- 35** 17,000 = hundreds
- 36** $100 - (4 + 7) \times 9 = \dots\dots\dots$
- 37** $7 \times \dots\dots\dots = 7 \times 600 + 7 \times 50 + 7 \times 3$
- 38** The quotient in $480 \div 10 = 48$ is
- 39** 9,250 mL = L + mL
- 40** 3 kg, 3 g = g
- 41** The factor pair 3 and 8 is for the number
- 42** If $500 + x = 625$, then $x = \dots\dots\dots$
- 43** 7 L, 250 mL + 2 L, 750 mL = L
- 44** $[61 + 23] + 24 = \dots\dots\dots + [23 + 24]$
- 45** 2 days and 2 hours = hours
- 46** 75 dm = m, dm
- 47** The smallest prime number is
- 48** The litre is the basic unit of
- 49** $80 \times 50 = \dots\dots\dots$
- 50** $34 \times 15 = \dots\dots\dots \times \dots\dots\dots$ is called commutative property.
- 51** is a factor of all number.
- 52** Any number is a multiple of
- 53** The greatest 1-digit prime number is
- 54** The number of hundreds in one million is

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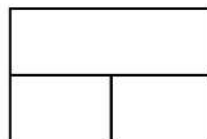
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Q3: Answer the following:

1 $m - 35,462 = 2,741$



2 Find the unknown value

a. $7 \times 5,000 = 7 \times 5 \times m$

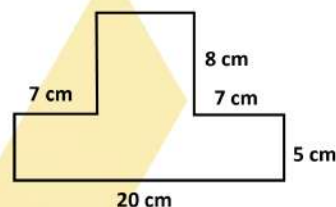
b. $[3 \times 7] \times 6 = 3 \times [m \times 6]$

3 There are 20,000 ants in the colony. If 1,500 ants went out to find food how many ants did not leave the colony ?

4 Find the area and the perimeter of the opposite figure

A =

P =



5 Find all factors of 24, and create T-chart.

6 There are 72 students in the playground , and we need to divide the students into teams, so that each team includes 9 students, How many teams can be formed ?

7 Use the order of operations to find: $7 + 12 \times [4 + 6]$

8 Apply properties of addition to solve the problem: $36 + 80 + 64 + 20$

9 In the equation $710 + G = 930$, find the value of G.

10 The game started at 7 : 50 PM. It ended at 10 : 05 PM,
How long was the game ?

11 A fish tank with a capacity of 50 liters is filled with 20,000 milliliters of water.
How many more liters of water are needed to fill it up completely ?

12 Nassr works 30 hours a week. If he gains 5 L.E per hour.
How much does Nassr gain in two weeks ?



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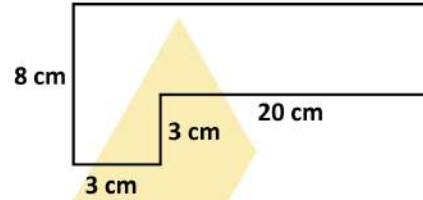


- 27** Find all factors of 24, and create T-chart.

- 28** Basma bought a bottle of milk of capacity 3 liters and drank from it 1,500 mL
How many liters are left ?

- 29** Find the G.C.F of the two numbers 30 and 45

- 30** A road of 675 km length. If a train travelled 239 km from this road
what is the remaining distance of the road ?

- 31** Find the area and the perimeter of the opposite figure
A = P =

- 32** A candy box contains 15 pieces. How many candy pieces are in 9 similar boxes ?

- 33** $4,000 - 2,352 = \dots\dots\dots$

- 34** Ayman ate 4 figs in the morning. His older brother ate 3 times as many as Ayman.
How many figs did his brother eat ?

- 35** In the following equation $A + 125 = 300$, find the value of A

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اللهم اجعل هذا العمل خالصا لوجهك الكريم
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Q1: Choose the correct answer:

(7 marks)

- 1 3 day and 5 hours = hours
☐ a 8 ☐ b 67 ☐ c 77 ☐ d 29
- 2 Which is the first step in evaluating $18 - 15 + 3 \times 8 - 2$?
☐ a $18 - 15$ ☐ b $15 + 3$ ☐ c 3×8 ☐ d $8 - 2$
- 3 12 hundreds $\div 4 =$
☐ a 30 hundreds ☐ b 30 tens ☐ c 3 tens ☐ d 300 tens
- 4 The number 42,365,978 has digits.
☐ a 7 ☐ b 8 ☐ c 9 ☐ d 10
- 5 A square with perimeter 32 cm, then its area is cm^2
☐ a 8 ☐ b 24 ☐ c 64 ☐ d 32
- 6 The digit which is in the Thousand place in the number 326,190 is
☐ a 6 ☐ b 5 ☐ c 3 ☐ d 9
- 7 70,000 700 hundreds
☐ a $>$ ☐ b $=$ ☐ c $<$ ☐ d otherwise

Q2: Complete the following:

(8 marks)

- 1 A rectangle its length is L and its width is W , then its area =
- 2 The missing number in the opposite area model is
- 3 The numbers 1 , 3 , 9 , 27 are all factors of
- 4 The multiplicative identify element is
- 5 The factor pair 3 and 8 is for the number
- 6 $100 - (4 + 7) \times 9 =$
- 7 is a factor of all number.
- 8 $26 \div 4 =$ R 2

	70
4	280	16

Q3: Choose the correct answer:

(7 marks)

- 1 What is the number that is 10 times the number 18?
☐ a 28 ☐ b 1,800 ☐ c 180 ☐ d 18

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- 2 The smallest odd prime number is
☐ a 0 ☐ b 1 ☐ c 2 ☐ d 3
- 3 $125,217 + 2,345$ $125,217 - 2,345$
☐ a > ☐ b = ☐ c < ☐ d otherwise
- 4 The product of 192×3 is near close is
☐ a 400 ☐ b 500 ☐ c 600 ☐ d 700
- 5 The quotient of dividing 922 by 3 is and the remainder is 1
☐ a 37 ☐ b 703 ☐ c 307 ☐ d 76
- 6 The bar model

7	7	7	7	7	7
---	---	---	---	---	---

 represent that the number
 is 6 times number 7
☐ a 7 ☐ b 6 ☐ c 42 ☐ d 36
- 7 Farida wrote $[7 + 5] + 54 = 7 + [5 + 54]$ using the property of addition.
☐ a Associative ☐ b Commutative
☐ c Additive identity ☐ d otherwise

Q4: Answer the following:

(8 marks)

- 1 Arrange the following numbers in a descending order.
 $654,311$, $654,301$, $599,310$, $654,310$, $604,320$
 The order: , , , ,
- 2 Find G.C.F of 16 , 20
 a) Factors of 16 : b) Factors of 20 :
 c) Common factors: d) G.C.F:
- 3 Ants walk about 5,000 meters every day. How many kilometer ants walk in 6 days

- 4 Solve the following:
 a) $572 \times 4 =$ (show steps)
 b) $675 \div 6 =$ (show steps)

إنتهت الأسئلة

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Q1- Choose the correct answer :-

- 1) The Place value of the digit 3 in the number 3,254,568 is
- a) tens b) hundreds c) millions d) ones
- 2) 20 tens =
- a) 2 b) 12 c) 200 d) 120
- 3) 34,089 \approx (to the nearest ten thousands)
- a) 34,000 b) 34,090 c) 30,000 d) 35,000
- 4) The number is 100 times of 42
- a) 420 b) 4,200 c) 42,000 d) 420,000
- 5) 18 thousands =
- a) 1,800 b) 18,000 c) 180 d) 180,000
- 6) 157,234 175,150
- a) < b) > c) =
- 7) The additive identity element is
- a) 0 b) 1 c) 2 d) 3
- 8) $25 + 15 = 15 + 25$ is called property
- a) identity b) distributive c) associative d) commutative
- 9) $1,567 + 0 = 1,567$ is called property
- a) identity b) distributive c) associative d) commutative
- 10) The additive identity added to 10 equals
- a) 0 b) 10 c) 11 d) 100

- 11) 7 m , 5 cm = cm
a) 705 b) 12 c) 75 d) 750
- 12) 3 km , 90 m = m
a) 3,009 b) 3,090 c) 3,900 d) 390
- 13) The suitable unit for measuring length of football playground is
a) meter b) centimeter c) Millimeter d) kilometer
- 14) 9 kg, 35 gm = gm.
a) 900,035 b) 9,035 c) 9,350 d) 9,305
- 15) 13 liters and 30 ml = ml.
a) 1,330 b) 13,030 c) 43 d) 3,013
- 16) 14 L + 5000 mL = L.
a) 5,014 b) 19 c) 1,450 d) 15
- 17) 7 : 25 - 40 minutes =
a) 8 : 05 b) 6 : 45 c) 5 : 25 d) 6 : 25
- 18) 3 : 40 + 30 minutes =
a) 4 : 10 b) 4 : 50 c) 3 : 20 d) 7 : 40
- 19) The capacity of a juice is 1 liter and 500 ml, then its capacity in milliliters = ml
a) 150 b) 1500 c) 15000 d) 1005
- 20) The perimeter of a rectangle with 7 cm long and 3 cm wide is
a) 21 cm b) 21 cm² c) 20 cm d) 20 cm²
- 21) A rectangle has a length (L), and its width is (W) is its perimeter?
a) L + W b) L x W c) 2 x (L + W) d) (2 x L) + W



- 22) A carpet as shape of square of side 5 m, its perimeter = m
a) 20 b) 25 c) 30 d) 35
- 23) The perimeter of the rectangle whose length is 6 m and its width is 3 m is
a) 18 m b) 12 m c) 24 m d) 18 m²
- 24) A rectangle of length 20 cm and width 10 cm , then its area = m²
a) $2 \times 20 + 2 \times 10$ b) 10×20 c) 60 d) 200
- 25) 42 is times the number 6
a) 6 b) 7 c) 8 d) 9
- 26) 56 is seven times
a) 7 b) 8 c) 9 d) 56
- 27) The multiplication equation of the comparison statement "36 is 4 times the number 9" is
a) $36 = 6 \times 6$ b) $36 = 9 + 9 + 9 + 9$ c) $36 = 4 \times 9$ d) $36 = 12 \times 3$
- 28) Determine which choice best shows the identity property of multiplication
a) $0 \times 6 = 0$ b) $1 \times 6 = 6$ c) $1 \times 6 = 6 \times 1$ d) $2 \times 6 = 6 \times 2$
- 29) Determine which choice best shows the zero property of multiplication
a) $1 \times 5 = 5$ b) $2 \times 3 = 3 \times 2$ c) $6 \times 100 = 600$ d) $0 \times 5 = 0$
- 30) Which equation would be best to include in an explanation of the Associative Property of multiplication ?
a) $[9 \times 12] \times 0 = 0$ b) $[3 \times 7] \times 2 = 3 \times [7 \times 2]$
c) $[4 \times 6] \times 1 = 4 \times 6$ d) $[11 \times 8] \times 9 = 9 \times [11 \times 8]$

31) Which equation would be best to include an explanation of the commutative Property of multiplication ?

a) $3 \times 1 = 3$

b) $9 \times 6 = 6 \times 9$

c) $6 \times [2 \times 4] = [6 \times 2] \times 4$

d) $5 \times 16 = [5 \times 11] + [5 \times 5]$

32) Which of the following is a prime number

a) 1

b) 11

c) 14

d) 50

33) 3 has factors

a) 1

b) 2

c) 3

d) otherwise

34) The common factors of 6 and 8 are

a) 1 and 2

b) 4 and 6

c) 1,2 and 3

d) 1,2 and 4

35) All the factors of 16 are

a) 1, 16

b) 2, 4, 8

c) 1,2,4,6,8,16

d) 1,2,4,8,16

36) If $500 + x = 625$, then $X =$

a) 25

b) 1,125

c) 125

d) 225

37) The G.C.F. of 35 and 25 is

a) 10

b) 7

c) 5

d) 20

38) If $6 \times 7 = 42$, then 42 is a of 6 and 7

a) multiple

b) factor

c) double

d) triple

39) Which of the following is a composite number?

a) 2

b) 5

c) 7

d) 9

40) Which is NOT a multiple of 7?

a) 42

b) 63

c) 707

d) 27

41) Multiples of 2 are

- a) even b) odd c) prime d) otherwise

42) is a factor of 6

- a) 18 b) 2 c) 12 d) 24

43) The correct relation between 6 and 18 is

- a) 6 is a factor of 18 b) 18 is a factor of 6 c) 6 is a multiple of 18 d) 18 is a twice of 6

44) Which is a multiple of 8

- a) 4 b) 1 c) 16 d) 2

45) 0 , 8 , 16 , 24 all multiples of

- a) 24 b) 0 c) 16 d) 8

46) is a multiple of 12

- a) 4 b) 3 c) 6 d) 12

47) $5200 \times 10 =$

- a) 520 b) 5220 c) 52 thousand d) 52 hundred

48) $5 \times 8 =$ tens

- a) 40 b) 4 c) 400 d) 4000

49) $18 \times 5 =$

- a) 900 b) 9 tens c) 9 d) 185

50) $87 \div 4 = 21 \text{ R } 3$, the divisor is

- a) 3 b) 4 c) 21 d) 87

51) $406 \div 5 = 81 \text{ R } =$

- a) 0 b) 1 c) 2 d) 3

52) $250 \div 4 = \dots\dots\dots$

- a) 62 b) 62 R 2 c) 26 R 5 d) 26 R 2

53) $707 \div 7 = \dots\dots\dots$

- a) 100 b) 701 c) $100 + 1$ d) 707

54) The $\dots\dots\dots$ must be smaller than the divisor

- a) dividend b) remainder c) quotient d) otherwise

55) $450 \div 10 = \dots\dots\dots$

- a) 45 tens b) 450 tens c) 450 d) 45 ones

56) $1000 \div 100 = \dots\dots\dots$

- a) 10 b) 100 c) 1000 d) 1

57) $0 \div 145 = \dots\dots\dots$

- a) 0 b) 1 c) 145 d) undefind

58) $321 \div 0 = \dots\dots\dots$

- a) 0 b) 1 c) 321 d) undefind

59) $100 = \text{half of } \dots\dots\dots$

- a) 50 b) 200 c) 100 d) 1

60) 60 is twice $\dots\dots\dots$

- a) 30 b) 60 c) 120 d) 10

61) In $6 \times 2 - (3 + 1) \div 8$, the first step is $\dots\dots\dots$

- a) $3 + 2$ b) $3 + 1$ c) 6×2 d) $4 \div 8$

62) The second step in solving $20 - 8 \div 2 + 3$

- a) division b) addition c) subtraction d) otherwise

Q2- Complete the following :-

- 1) 720 hundreds =
- 2) 32000 = thousands
- 3) 30 tens =
- 4) 800 tens =
- 5) Four million , two hundred thirteen thousand , nine hundred thirty six , in (standard form) is
- 6) $16,701 \cong$ (to the nearest thousand)
- 7) Three hundred seventy in the standard form =
- 8) The number 84,215 in the expanded form is
- 9) Milliard is the smallest number formed of digit number.
- 10) 3 million, 6 thousand, 24 in the standard form is
- 11) The value of the digit 6 in 61,230,478 is
- 12) The value of the digit 3 in 27,362,478 is
- 13) The place value of the digit 6 in 16,230,478 is
- 14) The number 6,564,735 rounded to the nearest hundred thousand is
- 15) The decomposed form of the numeral
- 16) The value of 50 thousands is
- 17) The number 2348 \cong (to the nearest 10).
- 18) Tens = 700
- 19) The number 7,257,365 rounded to the nearest millions is
- 20) The greatest number formed from the digits 2, 0, 5, 3 is
- 21) If the place value of 4 is million, then its value is
- 22) The value of 0 in the number 7,056,219 is
- 23) The standard form of the number: eight hundred and five is
- 24) Write in the standard form the number: 66 million, 5 thousand
- 25) The number 543,186 approximated to the nearest thousand is

- 26) The greatest number can be formed from the digits 3 , 6 , 5 , 4 , 8 , 2 and 9 is
- 27) $99 \cong$ (to the nearest 10)
- 28) The smallest number that can be formed using the numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 is
- 29) the word of the number $800,000 + 50,000 + 30 + 9$ is
- 30) $58,000,000 =$ million
- 31) $762 + 321 =$ + 762
- 32) $(61 + 23) + 24 =$ + $(23 + 24)$
- 33) $35,216 + 1,999 =$
- 34) $S - 74,252 = 23,402$, then $s =$
- 35) $7356 - 2547 =$
- 36) $B + 4,261 = 21,253$, then $b =$
- 37) $(..... + 11) + = 45 + (..... + 33)$
- 38) In the bar model $M =$
- 39) 7 m = mm
- 40) 7 km , 50 m = m
- 41) 8,875 g = kg , g
- 42) 35 kg and 86 g = g.
- 43) 3L + 2L + 500 mL = mL.
- 44) 9,000 mm = cm.
- 45) 16 cm = mm
- 46) 12 L = ml
- 47) kg = 5000 gm
- 48) 6 kg + 450 gm = gm
- 49) 8 m + 23 cm = cm
- 50) 9 L = ml
- 51) 8000 ml - 4 liters = liters
- 52) 7 L + 35 ml = ml

100	
35	M

- 53) kilogram is the measuring unit of
- 54) liter is the measuring unit of
- 55) 3 weeks , 4 days = days
- 56) 5 days = hours
- 57) 3 minutes , 20 seconds = seconds
- 58) 10 days = hours
- 59) 1 day and 5 hours = hours.
- 60) $3 : 35 + 2 : 20 = \dots\dots\dots$
- 61) $5 : 43 - 1 : 25 = \dots\dots\dots$
- 62) 2 hours and 20 minutes = minutes.
- 63) 10 hours and 30 minutes = minutes.
- 64) 2 days and 12 hours = hours
- 65) A square of a side length 7 cm , its perimeter = cm
- 66) A square has a perimeter 24 cm , then its area =
- 67) The perimeter of a square =
- 68) The area of a square =
- 69) The area of square whose side is 1 cm = cm^2
- 70) The area of a rectangle =
- 71) Perimeter of a rectangle =
- 72) A square whose side length is 4 meters, then its area is
- 73) A square has an area of 16 square centimeters, then its perimeter is cm.
- 74) The area of a rectangle is 32 cm^2 and its length is 8 cm , then its width =cm
- 75) A rectangle has 4 cm width , and 6 cm length , then its area = cm^2
- 76) A perimeter of square is 20 cm , then its side length iscm
- 77) $45 \times 0 = \dots\dots\dots$
- 78) $2 \times [5 \times 4] = [2 \times \dots\dots\dots] \times 4$
- 79) $[300 \times 7] \times 0 = \dots\dots\dots$

- 80) $\times 245 = 24,500$
- 81) $4 \times 3 \times 7 = 4 \times$
- 82) The multiplicative equation of $8 + 8 + 8 + 8 + 8 = 40$ is
- 83) $= 1,000 \times 5$
- 84) $3,200 =$ Hundreds.
- 85) $4 \times 7 = 7 \times 4$ Property of multiplication
- 86) If $A \times 7 = 21$, then $A =$
- 87) 60 is ten times as great as a number. What is the number?
- 88) 16 is times greater than 2
- 89) 10 times greater than 32 is
- 90) $9000 =$ tens
- 91) G.C.F for two numbers 14 , 21 is
- 92) G.C.F for two numbers 12 , 8 is
- 93) The factors of 23 are and
- 94) The smallest prime number formed from 2 digits is
- 95) The only even prime number is
- 96) The smallest odd prime number is
- 97) A prime number, difference between its factors is 6, then the number is
- 98) The prime number has only Factors
- 99) The common factor of all number is
- 100) The common multiple of all number is
- 101) The numbers (1, 2, 3, 6) is factors of the number
- 102) G.C.F for two numbers 6, 12 is
- 103) All factors of 36 are
- 104) 23 has factors
- 105) The composite number has 2 factors
- 106) G.C.F for two numbers 30 , 45 is
- 107) 1 , 3 , 9 , 27 are factors of
- 108) $123 \times 4 =$

- 109) $14 \times 26 = \dots\dots\dots$
- 110) $21 \times 3 = \dots\dots\dots$
- 111) $60 \times 70 = \dots\dots\dots$
- 112) $362 \times 8 = (\dots \times 8) + (\dots \times \dots) + (\dots \times \dots)$
- 113) If $2196 \div 6 = 366$, the dividend is $\dots\dots\dots$
- 114) $33 \div 3 = 11$, the divisor is $\dots\dots\dots$
- 115) $37 \div 9 = 4$ and remainder is $\dots\dots\dots$
- 116) $11 \div 3 = \dots\dots\dots$ R $\dots\dots\dots$
- 117) $400 \div 8 = \dots\dots\dots$
- 118) $180 \div 2 = \dots\dots\dots$
- 119) $550 \div 5 = \dots\dots\dots$
- 120) $240 \div 4 = \dots\dots\dots$
- 121) $816 \div 4 = \dots\dots\dots$
- 122) $357 \div 3 = \dots\dots\dots$
- 123) $6006 \div 6 = \dots\dots\dots$
- 124) $321 \div 1 = \dots\dots\dots$
- 125) $28 \div 5 = \dots\dots\dots$ R $\dots\dots\dots$
- 126) $515 \div 5 = \dots\dots\dots$
- 127) If $213 \times 3 = 639$, then $639 \div 3 = \dots\dots\dots$
- 128) $2 + 5 \times 2 = \dots\dots\dots$
- 129) $3 + 8 \div 2 = \dots\dots\dots$
- 130) $18 - 6 \times 2 + 30 = \dots\dots\dots$
- 131) $81 + (54 \div 6) = \dots\dots\dots$
- 132) $9 + 2 \times (15 \div 5) = \dots\dots\dots$

Q3-Answer the following :-

1) $142 + 55 + 18 + 45$

(Use the properties of addition)

.....

.....

.....

.....

2) $75 + 87 + 25$

(Use the properties of addition)

.....

.....

.....

- 3) A factory produced 2,879 toys in one week , the next week , the factory produced 3,276 toys , find the difference between the production in the two weeks .

.....

.....

- 4) Adel spend 6 hours at school if we want to calculate Adel's school day in minutes what will we do ?

.....

- 5) List from least to greatest 21,000 g / 17 kg / 23,000 g / 25 kg

.....

.....

- 6) A television cartoon movie begins at 7 : 15 pm and ends at 8 : 10 pm , find the elapsed time .

.....

.....

7) Seif studies 30 minutes every day , **how many hours will he study in 6 days ?**

.....

.....

8) A tank capacity of 70 liters is filled with 25,000 milliliters of water , **how many more liters of water are needed to fill it up completely ?**

.....

.....

9) Hanan has 5 L.E. , and Mohamed has 50 L.E. then the money with Mohamed = times with Hanan

10) A piece of land is in the shape of a rectangle with a width of 9 meters and a length 5 meters, find is its perimeter?

.....

11) A square swimming pool whose sides are 5 m, find its perimeter and area?

12) Which is the greater , the area of a rectangle its dimensions are 7 cm and 5 cm or area of a square with side length 6 cm ?

.....

.....

.....

13) Maria has 4 times as many dollars as her sister , her sister has 3 dollars , **how much money does Maria have ?**

.....

.....

14) List all factors of each number , 6 , 12 , 25 , 28 .

.....

.....

.....

.....

15) From the opposite rectangle ,

Area =

Perimeter =

2 cm

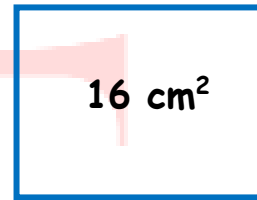


5 cm

16) From the opposite figure ,
value of y =

y

16 cm^2



17) Find is the area and perimeter of the figure ?

area =

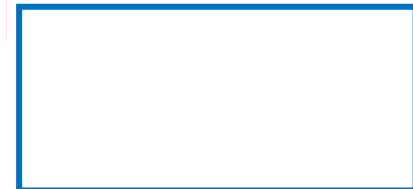
.....

Perimeter =

.....

7 cm

4 cm

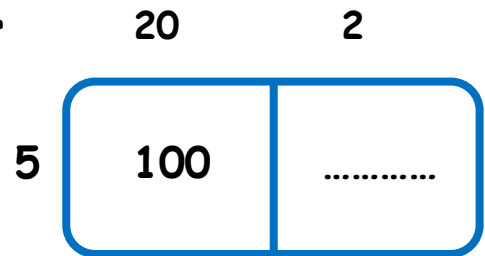


2 cm

18) There are 6 people won 145 pounds , each as the fair , **how much money did they win together ?**

.....

- 19) In the opposite area model the missing number
Of multiplying 5×22 is



- 20) Ahmed bought 4 balls , if the price of total balls is 260 L.E. ,
find the price of each ball ?

.....

.....

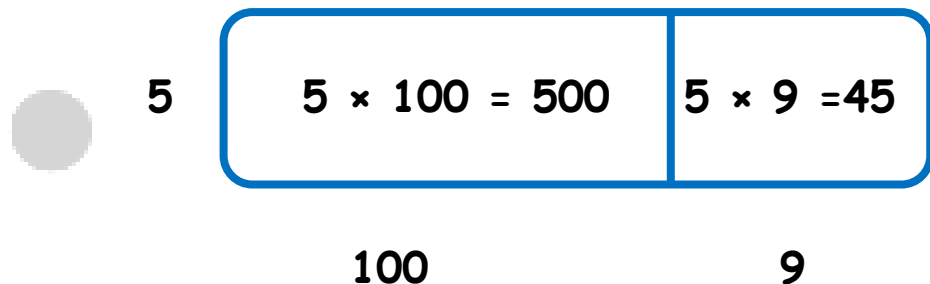
- 21) A factory produced 4,256 toys in each month , how many toys
were produced in 3 months ?

.....

.....

.....

- 22) From area model the quotient is



23) 52 pounds distributed equally between 6 friends , then the remainder is

24) 37 oranges distributed equally among 5 friends , how many oranges will be left

Q4- Complete the bar models :-

435 m	
... m	... cm

..... mm	
7 cm	5 mm

8,044 g	
... kg	... g

.... ml	
25 L	25 ml

Exam

Q1-Choose the correct answer :-

- 1) The standard form of the number 2 million , 3 thousand ,45 is
 a) 2,003,045 b) 82,345 c) 2,300,045 d) 2,000,300,045
- 2) $850 \times m = 850$, then m
 a) 2 b) 850 c) 1 d) 0
- 3) The number 30 equals 5 times the number
 a) 150 b) 6 c) 5 d) 25
- 4) $80 \times 60 = \dots \times 100$
 a) 84 b) 80 c) 48 d) 4800
- 5) $2 \times 5 \times 3 = \dots \times 3$
 a) 5 b) 3 c) 10 d) 2×3
- 6) The number of factors of the prime number is
 a) 0 b) 1 c) 2 d) otherwise
- 7) $939 \div 3 = \dots$
 a) 101 b) 303 c) 313 d) 191

Q2- Complete the following :-

- 1) $73,000,000 + 8,000 + 400 + 30 + 3 = \dots$
- 2) $3000 - B = 2\,000$ then $B = \dots$
- 3) From the opposite bar model ,the value of C =
- 4) 8 km ,45 cm = cm
- 5) 148,000 thousands = millions
- 6) $3 : 25 + 6 : 42 = \dots$
- 7) 5 weeks = days
- 8) Area of rectangle its Length is 7 cm, width is 3 cm =

7,620	
C	4,310

Q3-Choose the correct answer :-

1) The G.C.F of 20 and 30 is

- a) 20 b) 1 c) 10 d) 5

2) $125 \times 5 = \dots\dots\dots$

- a) 625 b) 130 c) 605 d) 505

3) $26 \div 4 = \dots\dots\dots$

- a) 5 R 5 b) 6 R 2 c) 7 R 2 d) 4 R 2

4) Which is the first step in evaluating $18 - 15 + 3 \times 8 - 2$?

- a) $18 - 15$ b) $15 + 3$ c) 3×8 d) $8 - 2$

5) Which of the following = 6 ?

- a) $3 \times 1 + 2$ b) $12 + 6 \div 3$ c) $18 - 3 \times 4$ d) $24 \div 6 - 2$

6) The quotient of $55 \div 5 = \dots\dots\dots$

- a) 111 b) 11 c) 1 d) 5

7) If the side length of a square is 3 cm , then its area is cm^2

- a) 9 cm b) 12 cm c) 9 cm^2 d) 12 cm^2

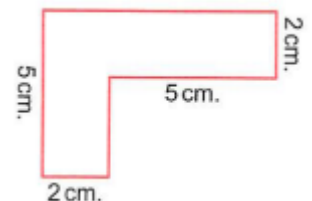
Q4-Answer the following questions :-

1) Find the G.C,F between 12 and 18

2) Seif ate 4 figs in the morning. His older brother ate 3 times as many as Seif. How many figs did his brother eat ?

3) Find the perimeter of the opposite figure.

4) A road of 675 km If a train travelled 239 km from this road , what is the remaining distance of the road ?



Answers**Q1- Choose the correct answer :-**

- 1) The Place value of the digit 3 in the number 3,254,568 is
a) tens b) hundreds c) millions d) ones
- 2) 20 tens =
a) 2 b) 12 c) 200 d) 120
- 3) 34,089 \cong (to the nearest ten thousands)
a) 34,000 b) 34,090 c) 30,000 d) 35,000
- 4) The number is 100 times of 42
a) 420 b) 4,200 c) 42,000 d) 420,000
- 5) 18 thousands =
a) 1,800 b) 18,000 c) 180 d) 180,000
- 6) 157,234 175,150
a) \leq b) $>$ c) $=$
- 7) The additive identity element is
a) 0 b) 1 c) 2 d) 3
- 8) $25 + 15 = 15 + 25$ is called property
a) identity b) distributive c) associative d) commutative
- 9) $1,567 + 0 = 1,567$ is called property
a) identity b) distributive c) associative d) commutative
- 10) The additive identity added to 10 equals
a) 0 b) 10 c) 11 d) 100

- 11) 7 m , 5 cm = cm
a) 705 b) 12 c) 75 d) 750
- 12) 3 km , 90 m = m
a) 3,009 b) 3,090 c) 3,900 d) 390
- 13) The suitable unit for measuring length of football playground is
a) meter b) centimeter c) Millimeter d) kilometer
- 14) 9 kg, 35 gm = gm.
a) 900,035 b) 9,035 c) 9,350 d) 9,305
- 15) 13 liters and 30 ml = ml.
a) 1,330 b) 13,030 c) 43 d) 3,013
- 16) 14 L + 5000 mL = L.
a) 5,014 b) 19 c) 1,450 d) 15
- 17) 7 : 25 - 40 minutes =
a) 8 : 05 b) 6 : 45 c) 5 : 25 d) 6 : 25
- 18) 3 : 40 + 30 minutes =
a) 4 : 10 b) 4 : 50 c) 3 : 20 d) 7 : 40
- 19) The capacity of a juice is 1 liter and 500 ml, then its capacity in milliliters = ml
a) 150 b) 1500 c) 15000 d) 1005
- 20) The perimeter of a rectangle with 7 cm long and 3 cm wide is
a) 21 cm b) 21 cm² c) 20 cm d) 20 cm²
- 21) A rectangle has a length (L), and its width is (W) is its perimeter?
a) L + W b) L x W c) 2 x (L + W) d) (2 x L) + W



- 22) A carpet as shape of square of side 5 m, its perimeter = m
a) 20 b) 25 c) 30 d) 35
- 23) The perimeter of the rectangle whose length is 6 m and its width is 3 m is
a) 18 m b) 12 m c) 24 m d) 18 m^2
- 24) A rectangle of length 20 cm and width 10 cm , then its area = m^2
a) $2 \times 20 + 2 \times 10$ b) 10×20 c) 60 d) 200
- 25) 42 is times the number 6
a) 6 b) 7 c) 8 d) 9
- 26) 56 is seven times
a) 7 b) 8 c) 9 d) 56
- 27) The multiplication equation of the comparison statement "36 is 4 times the number 9" is
a) $36 = 6 \times 6$ b) $36 = 9 + 9 + 9 + 9$ c) $36 = 4 \times 9$ d) $36 = 12 \times 3$
- 28) Determine which choice best shows the identity property of multiplication
a) $0 \times 6 = 0$ b) $1 \times 6 = 6$ c) $1 \times 6 = 6 \times 1$ d) $2 \times 6 = 6 \times 2$
- 29) Determine which choice best shows the zero property of multiplication
a) $1 \times 5 = 5$ b) $2 \times 3 = 3 \times 2$ c) $6 \times 100 = 600$ d) $0 \times 5 = 0$
- 30) Which equation would be best to include in an explanation of the Associative Property of multiplication ?
e) $[9 \times 12] \times 0 = 0$ f) $[3 \times 7] \times 2 = 3 \times [7 \times 2]$
g) $[4 \times 6] \times 1 = 4 \times 6$ h) $[11 \times 8] \times 9 = 9 \times [11 \times 8]$

- 31) Which equation would be best to include an explanation of the commutative Property of multiplication ?
- e) $3 \times 1 = 3$ f) $9 \times 6 = 6 \times 9$
- g) $6 \times [2 \times 4] = [6 \times 2] \times 4$ h) $5 \times 16 = [5 \times 11] + [5 \times 5]$
- 32) Which of the following is a prime number
- a) 1 b) 11 c) 14 d) 50
- 33) 3 has factors
- a) 1 b) 2 c) 3 d) otherwise
- 34) The common factors of 6 and 8 are
- a) 1 and 2 b) 4 and 6 c) 1,2 and 3 d) 1,2 and 4
- 35) All the factors of 16 are
- a) 1, 16 b) 2, 4, 8 c) 1,2,4,6,8,16 d) 1,2,4,8,16
- 36) If $500 + x = 625$, the $x =$
- a) 25 b) 1,125 c) 125 d) 225
- 37) The G.C.F. of 35 and 25 is
- a) 10 b) 7 c) 5 d) 20
- 38) If $6 \times 7 = 42$, then 42 is a of 6 and 7
- a) multiple b) factor c) double d) triple
- 39) Which of the following is a composite number?
- a) 2 b) 5 c) 7 d) 9
- 40) Which is NOT a multiple of 7?
- a) 42 b) 63 c) 707 d) 27

- 41) Multiples of 2 are
a) even b) odd c) prime d) otherwise
- 42) is a factor of 6
a) 18 b) 2 c) 12 d) 24
- 43) The correct relation between 6 and 18 is
a) 6 is a factor of 18 b) 18 is a factor of 6 c) 6 is a multiple of 18 d) 18 is a twice of 6
- 44) Which is a multiple of 8
a) 4 b) 1 c) 16 d) 2
- 45) 0 , 8 , 16 , 24 all multiples of
a) 24 b) 0 c) 16 d) 8
- 46) is a multiple of 12
a) 4 b) 3 c) 6 d) 12
- 47) $5200 \times 10 =$
a) 520 b) 5220 c) 52 thousand d) 52 hundred
- 48) $5 \times 8 =$ tens
a) 40 b) 4 c) 400 d) 4000
- 49) $18 \times 5 =$
a) 900 b) 9 tens c) 9 d) 185
- 50) $87 \div 4 = 21 \text{ R } 3$, the divisor is
a) 3 b) 4 c) 21 d) 87
- 51) $406 \div 5 = 81 \text{ R } =$
a) 0 b) 1 c) 2 d) 3



52) $250 \div 4 = \dots\dots\dots$

- a) 62 b) 62 R 2 c) 26 R 5 d) 26 R 2

53) $707 \div 7 = \dots\dots\dots$

- a) 100 b) 701 c) 100 + 1 d) 707

54) The $\dots\dots\dots$ must be smaller than the divisor

- a) dividend b) remainder c) quotient d) otherwise

55) $450 \div 10 = \dots\dots\dots$

- a) 45 tens b) 450 tens c) 450 d) 45 ones

56) $1000 \div 100 = \dots\dots\dots$

- a) 10 b) 100 c) 1000 d) 1

57) $0 \div 145 = \dots\dots\dots$

- a) 0 b) 1 c) 145 d) undefind

58) $321 \div 0 = \dots\dots\dots$

- a) 0 b) 1 c) 321 d) undefind

59) $100 = \text{half of } \dots\dots\dots$

- a) 50 b) 200 c) 100 d) 1

60) 60 is twice $\dots\dots\dots$

- a) 30 b) 60 c) 120 d) 10

61) In $6 \times 2 - (3 + 1) \div 8$, the first step is $\dots\dots\dots$

- a) $3 + 2$ b) $3 + 1$ c) 6×2 d) $4 \div 8$

62) The second step in solving $20 - 8 \div 2 + 3$

- a) division b) addition c) subtraction d) otherwise

Q2- Complete the following :-

- 1) 720 hundreds = 72,000
- 2) 32000 = 32 thousands
- 3) 30 tens = 300
- 4) 800 tens = 8 000
- 5) Four million , two hundred thirteen thousand , nine hundred thirty six , in (standard form) is 4,213,936
- 6) $16,701 \cong 17,000$ (to the nearest thousand)
- 7) Three hundred seventy in the standard form = 370
- 8) The number 84,215 in the expanded form is $80,000+4000+200+10+5$
- 9) Milliard is the smallest number formed of 10 digit number.
- 10) 3 million, 6 thousand, 24 in the standard form is 3,006,024
- 11) The value of the digit 6 in 61,230,478 is 60,000,000
- 12) The value of the digit 3 in 27,362,478 is 300,000
- 13) The place value of the digit 6 in 16,230,478 million
- 14) The number 6,564,735 rounded to the nearest hundred thousand is 6,600,000
- 15) The decomposed form of the numeral 340,004 is $(3 \times 100,000) + (4 \times 10,000) + 4 \times 1$
- 16) The value of 50 thousands is 50,000
- 17) The number 2348 \cong 2,350 (to the nearest 10).
- 18) 70 Tens = 700
- 19) The number 7,257,365 rounded to the nearest millions is 7 000 000
- 20) The greatest number formed from the digits 2, 0, 5, 3 is 5320
- 21) If the place value of 4 is million, then its value is 4 000 000
- 22) The value of 0 in the number 7,056,219 is 0
- 23) The standard form of the number: eight hundred and five is 805
- 24) Write in the standard form the number: 66 million, 5 thousand:
66,005,000
- 25) The number 543,186 approximated to the nearest thousand is
543,000

- 26) The greatest number can be formed from the digits 3 , 6 , 5 , 4 , 8 , 2 and 9 is 9,865,432
- 27) $99 \approx 100$ (to the nearest 10)
- 28) The smallest number that can be formed using the numbers 0, 1, 2, 3, 4, 5, 6, 7, 8, 9 is 1,023,456,789
- 29) the word of the number $800,000 + 50,000 + 30 + 9$ is eight hundred fifty thousands , thirty nine .
- 30) $58,000,000 = 58$ million
- 31) $762 + 321 = 321 + 762$
- 32) $(61 + 23) + 24 = 61 + (23 + 24)$
- 33) $35,216 + 1,999 = 37,215$
- 34) $s - 74,252 = 23,402$, then $s = 97654$
- 35) $7356 - 2547 = 4809$
- 36) $B + 4,261 = 21,253$, then $b = 16992$
- 37) $(45 + 11) + 33 = 45 + (11 + 33)$
- 38) In the bar model $M = 65$
- 39) $7 \text{ m} = 7000 \text{ mm}$
- 40) $7 \text{ km} , 50 \text{ m} = 7,050 \text{ m}$
- 41) $8,875 \text{ g} = 8 \text{ kg} , 875 \text{ g}$
- 42) $35 \text{ kg and } 86 \text{ g} = 35,086 \text{ g}.$
- 43) $3\text{L} + 2\text{L} + 500 \text{ mL} = 5,500 \text{ mL}.$
- 44) $9,000 \text{ mm} = 900 \text{ cm}.$
- 45) $16 \text{ cm} = 160 \text{ mm}$
- 46) $12 \text{ L} = 12,000 \text{ ml}$
- 47) $5 \text{ kg} = 5000 \text{ gm}$
- 48) $6 \text{ kg} + 450 \text{ gm} = 6,450 \text{ gm}$
- 49) $8 \text{ m} + 23 \text{ cm} = 823 \text{ cm}$
- 50) $9 \text{ L} = 9000 \text{ ml}$
- 51) $8000 \text{ ml} - 4 \text{ liters} = 4 \text{ liters}$
- 52) $7 \text{ L} + 35 \text{ ml} = 7,035 \text{ ml}$

100	
35	M

- 53) kilogram is the measuring unit of mass
- 54) liter is the measuring unit of capacity
- 55) 3 weeks , 4 days = 25 days
- 56) 5 days = 120 hours
- 57) 3 minutes , 20 seconds = 200 seconds
- 58) 10 days = 240 hours
- 59) 1 day and 5 hours = 29 hours.
- 60) $3 : 35 + 2 : 20 = 5 : 55$
- 61) $5 : 43 - 1 : 25 = 4 : 18$
- 62) 2 hours and 20 minutes = 260 minutes.
- 63) 10 hours and 30 minutes = 630 minutes.
- 64) 2 days and 12 hours = 36 hours
- 65) A square of a side length 7 cm , its perimeter = 28 cm
- 66) A square has a perimeter 24 cm , then its area = 36 cm^2
- 67) The perimeter of a square = Side \times 4
- 68) The area of a square = Side \times Side
- 69) The area of square whose side is 1 cm = 1 cm^2
- 70) The area of a rectangle = length \times width
- 71) Perimeter of a rectangle = $2 \times (\text{length} + \text{width})$
- 72) A square whose side length is 4 meters, then its area is 16 cm^2
- 73) A square has an area of 16 square centimeters, then its perimeter is 16 cm.
- 74) The area of a rectangle is 32 cm^2 and its length is 8 cm , then its width = 4 cm
- 75) A rectangle has 4 cm width , and 6 cm length ,then its area = 24 cm^2
- 76) A perimeter of square is 20 cm , then its side length is 5 cm
- 77) $45 \times 0 = 0$
- 78) $2 \times [5 \times 4] = [2 \times 5] \times 4$
- 79) $[300 \times 7] \times 0 = 0$
- 80) $100 \times 245 = 24,500$

- 81) $4 \times 3 \times 7 = 4 \times 21$
- 82) The multiplicative equation of $8 + 8 + 8 + 8 + 8 = 40$ is $8 \times 5 = 40$
- 83) $5000 = 1,000 \times 5$
- 84) $3,200 = 32$ Hundreds.
- 85) $4 \times 7 = 7 \times 4$ commutative Property of multiplication
- 86) If $A \times 7 = 21$, then $A = 3$
- 87) 60 is ten times as great as a number. What is the number? 6
- 88) 16 is 8 times greater than 2
- 89) 10 times greater than 32 is 320
- 90) $9000 = 900$ tens
- 91) G.C.F for two numbers 14 , 21 is 7
- 92) G.C.F for two numbers 12 , 8 is 4
- 93) The factors of 23 are 1 and 23
- 94) The smallest prime number formed from 2 digits is 11
- 95) The only even prime number is 2
- 96) The smallest odd prime number is 3
- 97) A prime number, difference between its factors is 6, then the number is 7
- 98) The prime number has only 2 Factors
- 99) The common factor of all number is 1
- 100) The common multiple of all number is 0
- 101) The numbers (1, 2, 3, 6) is factors of the number 6
- 102) G.C.F for two numbers 6, 12 is 6
- 103) All factors of 36 are 1 , 2 , 3 , 4 , 8 , 9 , 18 , 36
- 104) 23 has 2 factors
- 105) The composite number has more than 2 factors
- 106) G.C.F for two numbers 30 , 45 is 15
- 107) 1 , 3 , 9 , 27 are factors of 27
- 108) $123 \times 4 = 492$
- 109) $14 \times 26 = 364$

110) $21 \times 3 = 63$

111) $60 \times 70 = 4200$

112) $362 \times 8 = (300 \times 8) + (60 \times 8) + (2 \times 8)$

113) If $2196 \div 6 = 366$, the dividend is 2196

114) $33 \div 3 = 11$, the divisor is 3

115) $37 \div 9 = 4$ and remainder is 1

116) $11 \div 3 = 2 \text{ R } 2$

117) $400 \div 8 = 50$

118) $180 \div 2 = 90$

119) $550 \div 5 = 110$

120) $240 \div 4 = 60$

121) $816 \div 4 = 204$

122) $357 \div 3 = 119$

123) $6006 \div 6 = 1001$

124) $321 \div 1 = 311$

125) $28 \div 5 = 5 \text{ R } 3$

126) $515 \div 5 = 101$

127) If $213 \times 3 = 639$, then $639 \div 3 = 213$

128) $2 + 5 \times 2 = 12$

129) $3 + 8 \div 2 = 7$

130) $18 - 6 \times 2 + 30 = 36$

131) $81 + (54 \div 6) = 90$

132) $9 + 2 \times (15 \div 5) = 15$

Q3-Answer the following :-

1) $142 + 55 + 18 + 45$
 $142 + 18 + 55 + 45$
 $(142 + 18) + (55 + 45)$
 $160 + 100 = 260$

(Use the properties of addition)
commutative property
associative property

2) $75 + 87 + 25$
 $75 + 25 + 87$
 $(75 + 25) + 87$
 $100 + 87 = 187$

(Use the properties of addition)
commutative property
associative property

- 3) A factory produced 2,879 toys in one week , the next week , the factory produced 3,276 toys , **find the difference between the production in the two weeks .**
difference = $3,276 - 2,879 = 397$ toys .

- 4) Adel spend 6 hours at school if we want to calculate Adel's school day in minutes what will we do ?
No of minutes = $6 \times 60 = 360$ min.

- 5) List from least to greatest **21,000 g / 17 kg / 23,000 g / 25 kg**

Order / 17 kg / 21,000 g / 23,000 g / 25 kg

- 6) A television cartoon movie begins at 7 : 15 pm and ends at 8 : 10 pm , **find the elapsed time .**

Elapsed time = $8 : 10 - 7 : 15 = 55$ min .

- 7) Seif studies 30 minutes every day , **how many hours will he study in 6 days ?**

Total minutes = $30 \times 6 = 180$ min .

NO of hours = $180 \div 60 = 3$ hours .

- 8) A tank capacity of 70 liters is filled with 25,000 milliliters of water , **how many more liters of water are needed to fill it up completely ?**

No of liters needed = $70 - 25 = 45$ L.

- 9) Hanan has 5 L.E. , and Mohamed has 50 L.E. then the money with Mohamed = 10 times with Hanan

- 10) A piece of land is in the shape of a rectangle with a width of 9 meters and a length 5 meters, find is its perimeter?

$$P = 2 \times (9 + 5) = 28 \text{ cm}$$

- 11) A square swimming pool whose sides are 5 m, find its perimeter and area? $P = 5 \times 4 = 20$ cm

- 12) Which is the greater , the area of a rectangle its dimensions are 7 cm and 5 cm or area of a square with side length 6 cm ?

$$\text{Area of a rectangle} = 7 \times 5 = 35 \text{ cm}^2$$

$$\text{Area of a square} = 6 \times 6 = 36 \text{ cm}^2$$

The area of a square is the greatest

- 13) Maria has 4 times as many dollars as her sister , her sister has 3 dollars , **how much money does Maria have ?**

$$\text{Maria has } 4 \times 3 = 12 \text{ dollars}$$

- 14) List all factors of each number , 6 , 12 , 25 , 28 .

Factors of 6 are / 1 , 2 , 3 , 6

Factors of 12 are / 1 , 2 , 3 , 4 , 6 , 12

Factors of 25 are / 1 , 5 , 25

Factors of 28 are / 1 , 2 , 4 , 7 , 14 , 28

15) From the opposite rectangle ,

$$\text{Area} = 2 \times 5 = 10 \text{ cm}^2$$

$$\text{Perimeter} = 2 \times (5 + 2) = 14 \text{ cm}$$

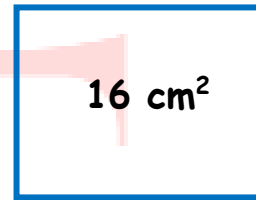
2 cm



5 cm

16) From the opposite figure ,
value of $y = 4 \text{ cm}$

Y

16 cm²

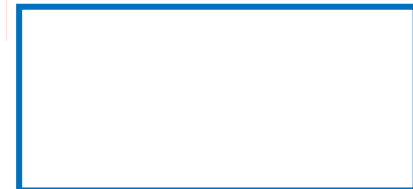
17) Find is the area and perimeter of the figure ?

$$\text{area} = 28 + 4 = 32 \text{ cm}^2$$

7 cm

$$\text{Perimeter} = 7 + 4 + 4 + 5 + 2 + 2 + 2 = 26 \text{ cm}$$

4 cm



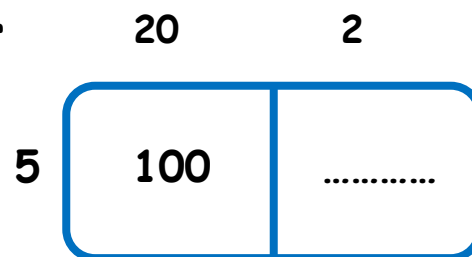
2 cm

18) There are 6 people won 145 pounds , each as the fair , **how much money did they win together ?**

$$\text{Total no} = 145 \times 6 = 870 \text{ pounds}$$



- 19) In the opposite area model the missing number
Of multiplying 5×22 is 10



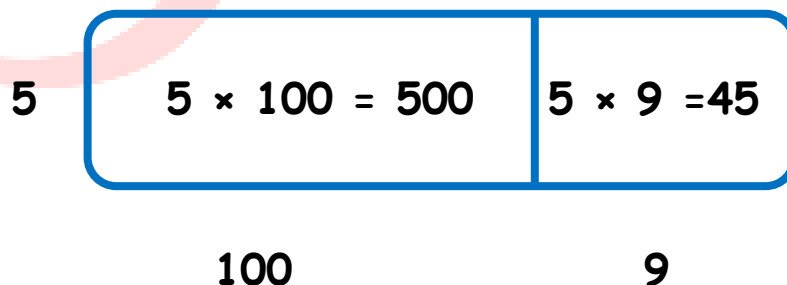
- 20) Ahmed bought 4 balls , if the price of total balls is 260 L.E. ,
find the price of each ball ?

Price of each = $260 \div 4 = 65$ L.E.

- 21) A factory produced 4,256 toys in each month , how many toys
were produced in 3 months ?

No of toys = $4256 \times 3 = 12,768$ toys

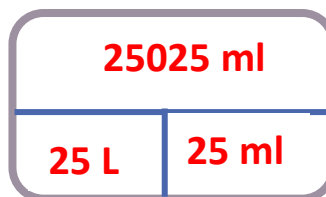
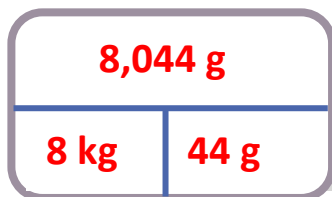
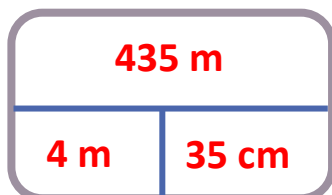
- 22) From area model the quotient is 109



23) 52 pounds distributed equally between 6 friends , then the remainder is 4

24) 37 oranges distributed equally among 5 friends , how many oranges will be left 2

Q4- Complete the bar models :-



Exam

Q1-Choose the correct answer :-

8) The standard form of the number 2 million , 3 thousand ,45 is

- a) 2,003,045 b) 82,345 c) 2,300,045 d) 2,000,300,045

9) $850 \times m = 850$, then m

- a) 2 b) 850 c) 1 d) 0

10) The number 30 equals 5 times the number

- a) 150 b) 6 c) 5 d) 25

11) $80 \times 60 = \dots \times 100$

- a) 84 b) 80 c) 48 d) 4800

12) $2 \times 5 \times 3 = \dots \times 3$

- a) 5 b) 3 c) 10 d) 2×3

13) The number of factors of the prime number is

- a) 0 b) 1 c) 2 d) otherwise

14) $939 \div 3 = \dots$

- a) 101 b) 303 c) 313 d) 191

Q2- Complete the following :-

1) $73,000,000 + 8,000 + 400 + 30 + 3 = 73,008,430$

2) $3000 - B = 2000$ then $B = 1000$

3) From the opposite bar model ,the value of $C = 3310$

4) $8 \text{ km } ,45 \text{ cm} = 8,045 \text{ cm}$

5) $148,000 \text{ thousands} = 148 \text{ millions}$

6) $3 : 25 + 6 : 42 = 10 : 07$

7) $5 \text{ weeks} = 35 \text{ days}$

8) Area of rectangle its Length is 7 cm, width is 3 cm = 21 cm^2

7,620	
C	4,310

Q3-Choose the correct answer :-

1) The G.C.F of 20 and 30 is

- a) 20 b) 1 c) 10 d) 5

2) $125 \times 5 = \dots\dots\dots$

- a) 625 b) 130 c) 605 d) 505

3) $26 \div 4 = \dots\dots\dots$

- a) 5 R 5 b) 6 R 2 c) 7 R 2 d) 4 R 2

4) Which is the first step in evaluating $18 - 15 + 3 \times 8 - 2$?

- a) $18 - 15$ b) $15 + 3$ c) 3×8 d) $8 - 2$

5) Which of the following = 6 ?

- a) $3 \times 1 + 2$ b) $12 + 6 \div 3$ c) $18 - 3 \times 4$ d) $24 \div 6 - 2$

6) The quotient of $55 \div 5 = \dots\dots\dots$

- a) 111 b) 11 c) 1 d) 5

7) If the side length of a square is 3 cm , then its area is cm²

- a) 9 cm b) 12 cm c) 9 cm² d) 12 cm²

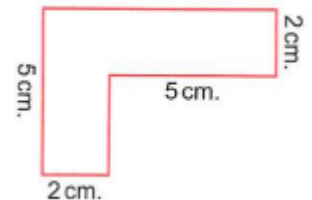
Q4-Answer the following questions :-

1) Find the G.C,F between 12 and 18 is 6

2) Seif ate 4 figs in the morning. His older brother ate 3 times as many as Seif. How many figs did his brother eat ? 12 figs

3) Find the perimeter of the opposite figure. 24 cm

4) A road of 675 km If a train travelled 239 km from this road , what is the remaining distance of the road ? 436



General Revision

Q1 Choose the correct answer :

1. Million is the smallest digit number
a. 6 b. 7 c. 8 d. 10
2. Milliard is the smallest digit number
a. 6 b. 7 c. 8 d. 10
3. The place value of the digit 5 in the number 2,345,912 is
a. thousands b. ten thousands c. hundred thousand d. million
4. The value of the digit 7 in the number 738,913 is
a. 700 b. 7,000 c. 70,000 d. 700,000
5. 5 Million, 84 Thousands,18 =
a. 58,418 b. 508,418 c. 5,840,018 d. 5,084,018
6. 600 tens = hundreds
a. 6 b. 60 c. 600 d. 6,000
7. 700 tens =
a. 700 b. 7,000 c. 70,000 d. 700,000
8. 2 milliard , 127 thousand , 469 =(in standard form)
a. 700 b. 7,000 c. 70,000 d. 700,000
9. rounding the number 24,520 to the nearest thousand
a. 24,500 b. 24,600 c. 24,000 d. 25,000
10. 2,482,219 (to the nearest ten thousand)
a. 2,480,000 b. 2,481,000 c. 2,482,000 d. 2,483,000
11. If $a - 300 = 200$, then $a =$
a. 100 b. 500 c. 400 d. 300
12. If $y + 345 = 490$, then $y =$
a. 150 b. 835 c. 445 d. 145

25. A rectangle its length is L and its width is W What is it perimeter?
A. $L+w$ B. $L \times W$ C. $2 \times [L + W]$ D. $[2 \times L]+w$
26. Which choice shows the formula for the perimeter of a square?
A. $P=4+S$ B. $P=4 \times S$ C. $P=S \times S$ D. $P=S + S$
27. Which choice shows the formula for the area of a square?
A. $P=4+S$ B. $P=4 \times S$ C. $P=S \times S$ D. $P=S + S$
28. Which choice shows the formula for the perimeter of a rectangle?
A. $L + w$ B. $L \times W$ C. $2 \times [L + W]$ D. $[2 \times L]+w$
29. A rectangle of 7 m length and 5 m width, its perimeter is
- A. 30 B. 35 C. 24 D. 27
30. A rectangle of 8 m length and 6 m width, its area is
- A. 28 B. 35 C. 24 D. 48
31. A square of side length 5 cm, its perimeter is
- A. 20 B. 25 C. 40 D. 45
31. A square of side length 8 cm, its area is
- A. 18 B. 32 C. 40 D. 64
32. A square is of area 25cm^2 , then its side length is
- A. 4 B. 5 C. 15 D. 20
33. A square is of perimeter 20 cm, then its side length is
- A. 4 B. 5 C. 15 D. 20
34. The perimeter of a square is 36 cm, then the length of its side is
- A. 4 B. 6 C. 9 D. 18
35. The area of a rectangle is 42 km^2 , and its width is 6 km, then its length is
- A. 5 B. 6 C. 7 D. 21
36. If the perimeter of a rectangle is 24 cm, and its width is 4 cm, then its length is
- A. 5 B. 8 C. 12 D. 20

37. If $4 \times x = 8$, then $x = \dots\dots\dots$

A. 2

B. 8

C. 12

D. 32

38. If $6 \times x = 36$, then $x = \dots\dots\dots$

A. 3

B. 6

C. 12

D. 216

39. If $m \times 5 = 30$, then $m = \dots\dots\dots$

A. 3

B. 6

C. 12

D. 216

40. $3 \times \dots\dots\dots = 3,000$

A. 10

B. 100

C. 1,000

D. 300

41. $4 \times 200 = \dots\dots\dots$

A. 800

B. 400

C. 1,200

D. 8,000

42. $30 \times 50 = \dots\dots\dots$

A. 80

B. 800

C. 150

D. 1500

43. $33 \times \dots\dots\dots = 3,300$

A. 33

B. 11

C. 100

D. 110

44. $0 \times 7 = 9 \times \dots\dots\dots$

A. 0

B. 1

C. 7

D. 9

45. $13 \times 9 = \dots\dots\dots \times 13$

A. 0

B. 1

C. 9

D. 13

46. 3 is a factor of $\dots\dots\dots$

A. 7

B. 6

C. 11

D. 16

47. the number 8 has $\dots\dots\dots$ factor.

A. 3

B. 4

C. 6

D. 8

48. 1,2,7,14 are all the factors of the number $\dots\dots\dots$

A. 1

B. 2

C. 7

D. 14

49. the factor for all number is $\dots\dots\dots$

A. 0

B. 1

C. 6

D. 8

50. 5 is a factor of
 A. 11 B. 23 C. 30 D. 51
51. 25 haspairs of factor
 A. 1 B. 2 C. 3 D. 4
52. 25 has factor
 A. 1 B. 2 C. 3 D. 4
53. is a prime number
 A. 3 B. 4 C. 6 D. 9
54. is a composite number
 A. 2 B. 3 C. 7 D. 9
55. The smallest odd prime number is
 A. 0 B. 1 C. 2 D. 3
56. The number that is multiple of 8 is
 A. 7 B. 16 C. 28 D. 38
57. The number that is not multiple of 5 is
 A. 0 B. 15 C. 20 D. 32
58. is a common multiple of all numbers
 A. 0 B. 1 C. 2 D. 3
59. Which is a common multiple of 4 and 5
 A. 6 B. 10 C. 20 D. 24
60. 28 is multiple of
 A. 5 B. 3 C. 7 D. 9
61. $4 \times 19 =$
 A. 23 B. 76 C. 65 D. 36
62. The opposite area model represent 8×127 then $y =$
 A. 80 B. 16 C. 160 D. 800

	100	20	7
8	700	y	56

63. The opposite area model represent multiply

30	5
700	56

 8
- A. 8×35 B. 30×85 C. 8×53 D. 5×83
64. $13 \div 4 = \dots\dots\dots$
- A. 3 R 3 B. 3 R 2 C. 3 R 1 D. 4 R 2
65. $37 \div 5 = \dots\dots\dots$
- A. 5 R 2 B. 7 R 2 C. 2 R 5 D. 7 R 3
66. $3,500 \div 5 = \dots\dots\dots$
- A. 23 B. 76 C. 65 D. 36
67. If $34 \div 8 = 4 \text{ R} 2$, then 8 is called
- A. dividend B. divisor C. qoutient D. remainder
- A. 23 B. 76 C. 65 D. 36
68. If $19 \div 5 = 3 \text{ R} \dots\dots\dots$
- A. 2 B. 3 C. 4 D. 0
69. $8 + 2 \times 5 = \dots\dots\dots$
- A. 18 B. 50 C. 15 D. 28
70. $24 \div (5 - 1) = \dots\dots\dots$
- A. 20 B. 5 C. 6 D. 4

Q2 Complete the following :

1. 7 Million, 7 Thousands, 7 =
2. Eighty million, five hundred ninety-six thousand, fourteen =
3. The place value of the digit 5 in the number 13,452,500 is
4. The value of the digit 6 in the number 4,258,638 is
5. The value of the digit 0 in the number 612,052 is
6. 500 tens = hundreds
7. 750 hundreds =
8. 90 thousands =

9. = 10 times 40,000
10. $700 = 10$ times the number
11. $12,500,054 =$ million,thousands,
12. $5,000,000 + 20,000 + 7,000 + 400 + 30 =$
13. $6,000,000,000 + 8,000,000 + 5,000 + 2 =$
14. The smallest number formed from 3 , 5 , 0 , 2 , 6 is
15. The greatest number formed from 6 , 3 , 0 , 7 , 6 is
16. Expanded form of 6,572,008 is
17. $7,200 =$ tens
18. The number..... is 10 times the number 100,000
19. Rounding the number 568,347 to the nearest hundred is.....
20. The smallest 10-digit number is
21. The smallest 7-digit number is
22. If $a \times 7 = 7 \times 8$.then $a =$
23. If $540 + c = 990$, then the value of $c =$
24. If $5 \times n = 50$,then $n =$
25. 35 kg and 86 g = g
26. 15 kg = grams
27. 600 mm = cm
28. 8 meters ,45 cm = cm
29. 9,000 grams = kilograms
30. . One day and 5 hours = hours
31. 41 m = cm
32. 5 hours = minutes
33. $25 \times 0 =$
34. 5 kilometers ,34 meters = meters
35. A week and two days = days

36. 10 liters = milliliters
37. 5 liters and 600 mL = mL
38. 5 weeks = days
39. The capacity of a juice can is 1 liter and 500 mL , then its capacity in milliliters = mL
40. 6,350 mL =L, mL
41. 4 meters = cm
42. If the side length of a square is 4 cm , then its perimeter is Cm
43. A square of side length 5 cm , then its area =
44. The perimeter of a square of side length 5 cm is cm
45. A rectangle of length 8 cm and width 5 cm , its perimeter = cm
46. A square its side length is 8 cm ,then its area = cm^2
47. A rectangle its length is L and its width is W , then its area =
48. A rectangle has 4 cm wide and 6 cm long ,then its area = cm^2
49. Rectangle its length = 8 cm and its width = 4cm'then its area = cm^2
50. The length of the side of the square whose perimeter is 24 cm is cm
51. A rectangle of area 24 cm^2 and width 5 cm , its length = cm
52. If the area a rectangle is 24 cm^2 and length 5 cm , its width = cm
53. If the perimeter a rectangle is 20 cm and length 5 cm , its width = cm
54. A square of perimeter 28 cm , then its side length =
55. A square of area 25 cm^2 , then its side length =
56. The perimeter of a square is 12 cm , then its side length iscm
57. The identity number of multiplication is
58. $30 \times 40 = \dots\dots\dots$
59. $50 \times 6 = \dots\dots\dots$
60. $20 \times 60 = \dots\dots\dots$
61. $7 \times [2 + 5] = \dots\dots\dots$
62. $2 \times [3 + 5] = [2 + \dots\dots\dots] \times 5$
63. $24 \times 15 = 15 \times 24$ represents the property
64. $5 + 5 + 5 = 5 \times \dots\dots\dots$
65. $\times 245 = 24,500$

66. $400 \times 3 = \dots\dots\dots$

68. $38 \times \text{zero} = \dots\dots\dots$

70. $1,000 \times 40 = \dots\dots\dots$

72. $4,000 \div 4 = \dots\dots\dots$

74. $3,500 \div 5 = \dots\dots\dots$

76. $17 \div 5 = 3 \text{ R } \dots\dots$

78. $19 \div 3 = \dots\dots \dots$

80. $2 + 3 \times 5 = \dots\dots\dots$

82. $[8 + 2] \div 2 = \dots\dots\dots$

84. $5 \times 6 - 4 + 3 = \dots\dots\dots$

67. If $a \times 36 = 36 \times 5$, then $a = \dots$

69. $80 \times 5 = \dots\dots\dots$

71. 12 is times the number 3

73. $600 \div 2 = \dots\dots\dots$

75. $2,400 \div 6 = \dots\dots\dots$

77. $43 \div 8 = 5 \text{ R } \dots\dots$

79. $22 \div 5 = \dots\dots \dots$

81. $24 \div [4 - 1] = \dots\dots\dots$

83. $25 - 3 \times 5 + 2 = \dots\dots\dots$

85. $36 \div 4 + 2 = \dots\dots\dots$

Q3 Answer the following :

1. Sami and Ahmed participated in a project, Sami paid 25,607 pounds and Ahmed paid 22,300 pounds. What is the total of the cost of the project ?

.....

2. . Arwa has 1.E.5,235,herfathergave herL,E.2,365 How much money did Arwa have now ?

.....

3. Basma bought a bottle of milk of capacity 3 liters and drank from it 1,500 mL How many liters are left ?

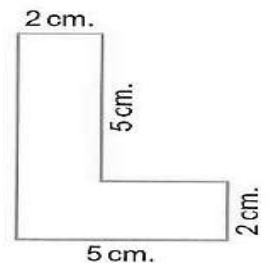
.....

4. A road of675 km length. If a train travelled 239 km from this road , What is the remaining distance of the road ?

.....

5. Find the perimeter and the area of the opposite figure.

.....



6. A square whose side length is 4 meters, then find its area in square meters.

.....

7. There are 20,000 ants in the colony. If 1,500 ants went out to find food,
How many ants did not leave the colony ?

.....

8. How many cars are needed to transport 180 tourists if each car can take
9 tourists ?

.....

9. A square-shaped room has a side length 6 meters, What is the area of the
ground of the room in square meters ?

.....

10. Hany has 2,532 pounds , he divides the money equally between his 3
friends. Find the share of each one of them.

.....

11. Find the G.C.F of the following:

a. 25 and 35

b. 6 and 12

c. 16 and 20

d. 8 and 12

e. 20 and 30

f. 15 and 30

12. Find :

a. $754 - 399 = \dots$

b. $4,000 - 2,436 = \dots\dots$

c. $2,461 + 3,928 =$

d. $17,658 + 9,874 = \dots$

e. $2,942 + 350 = \dots\dots\dots$

f. $87,326 - 43,153 =$

g. $98 \times 7 = \dots\dots\dots$

h. $17 \times 6 = \dots\dots\dots$

i. $4 \times 18 = \dots\dots\dots$

j. $75 \div 5 = \dots\dots\dots$

k. $248 \div 2 = \dots\dots\dots$

l. $360 \div 4 = \dots\dots\dots$

1,087	
678	c

C =

215	
x	183

x =

5	20	8
	100	y

y =

Name :

Model 1

Class :

Q1 Choose the correct answer :-

1. 12 million , 25 thousands, 367

a. 1,225,367

b. 12,205367

c. 12,205,367

d. 367, 025,012

2. 700 tens 7 hundreds

a) >

b) <

c) =

d) neither

3. The smallest prime number is

a) 0

b) 1

c) 2

d) 3

4. The number 25 has factors

a) 2

b) 3

c) 4

d) 5

5. The common factor of all numbers is.....

a) 1

b) 3

c) 4

d) 5

6. 2,734,628 \approx To the nearest million

a. 2,000,000

b. 3,000,000

c. 2,700,000

d. 2,800,000

7. $9 - 6 \div 3 =$

a) 7

b) 2

c) 1

d) 3

Q2 Complete the following:

8. A square its side length 5 cm , then its perimeter =

9. $3,612,257 + 1,243,743 =$

10. the G.C.F of 12 and 16 is

11. The place value of the digit 5 in the number 3,456,836 is

12. $412 \times 100 =$

13. The additive identity element is

14. $9 \times (4 \times 2) = 9 \times$

15. 3 days , 8 hours = hours

Q3 Choose the correct answer :-

500	
x	300

16. From the opposite bar model , the value of x is

- a. 200 b. 800 c. 1,000 d. 500

17. $15 \text{ kg} + 15 \text{ g} = \dots\dots\dots \text{ g}$

- a) 1,515 b) 15,015 c) 15,150 d) 30

18. The smallest 10-digit number is

- a. million b. ten million c. hundred million d. milliard

19. A square its perimeter 20 cm then its area =

- a) 5 b) 16 c) 20 d) 25

20. $35 \div 6 = \dots\dots\dots$

- a) 5 R1 b) 6 R5 c) 5 R6 d) 5 R5

21. If $y - 3,700 = 1,500$ then $y = \dots\dots\dots$

- a. 5,200 b. 1,200 c. 1,700 d. 4,200

22. $400 \text{ km} = \dots\dots\dots \text{ m}$

- a) 4 b) 40 c) 4000 d) 400,000

Q3 Answer the following:

23. Find the product of 8×412

24. There are 228 apples divided into equal bags. If each bag has 6 apples, how many apples will there be?

25. Find the greatest number formed from 5 , 3 , 0 , 7

26. List 3 common multiples of 4 and 8

Name :

Model 2

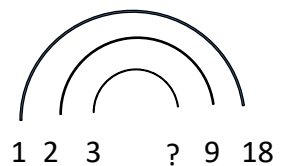
Class :

Q1 Choose the correct answer :-

1. The Value of the digit 7 in the number 2,784 ,160
a. 7,000,000 b. 700,000 c. 70,000 d. 7,000
2. If $\kappa \times 7 = 7$, then $\kappa = \dots\dots\dots$
a) 0 b) 1 c) 2 d) 7
3. Which of the following is not prime number?
a) 1 b) 2 c) 3 d) 5
4. $30 \times 60 = \dots\dots\dots$
a) 90 b) 900 c) 180 d) 1,800
5. $7000 = 10$ times the number $\dots\dots\dots$
a) 70 b) 700 c) 7,000 d) 70,000
6. $8,916,756 \approx 8,900,000$. To the nearest $\dots\dots\dots$
a. thousand b. ten thousand c. hundred thousand d. million
7. $27 \times 18 = 18 \times 27$ is $\dots\dots\dots$ property
a) commutative b) associative c) additive identity d) multiply by 0

Q2 Complete the following:

8. 4 week + 2 days =days
9. $725,370 - 250,000 = \dots\dots\dots$
10. The prime number has onlyfactors
11. The smallest 7-digit number is $\dots\dots\dots$
12. A rectangle of 7 cm length and 5 cm width, then its area = $\dots\dots\dots$
13. The multiplicative identity element is $\dots\dots\dots$
14. $7 \times 15 = \dots\dots\dots$
15. The missing factor in the opposite rainbow is $\dots\dots\dots$



Q3 Choose the correct answer :-

x	
300	800

16. From the opposite bar model , the value of x is

- a. 500 b.800 c. 1,200 d. 600

17. 14,038 meter =km ,m

- a) 14 and 308 b)14 and 380 c)14 and 38 d) 38 and 14

18. The place value of the digit 5 in the number 154,328,446 is

- a. million b. ten million c. hundred million d. milliard

19. $842 \div 2 = \dots\dots\dots$

- a) 241 b) 240 c) 420 d) 421

20. 35 is times the number 7

- a) 5 b) 6 c) 3 d) 7

21. $3 + 5 \times 4 - 1 = \dots\dots\dots$

- a. 39 b. 18 c. 22 d. 24

22. the opposite area model represent

- a) 30×85 b) 3×85 c) 35×80 d) 35×83

	80	5
3	240	15

Q3 Answer the following:

23. Find the G.C.F of 12 and 18

24. A bridge of ants consists of 142 ants , and another bridge consists of 164 ants. How many ants are there in the two bridges together?

25. Arrange the number in ascending order

34,567 43,567 34,576 43,756

26. A rectangular gymnasium room with 7 meter long and 4 meter find its perimeter?

Name :

Model 3

Class :

Q1 Choose the correct answer :-

1. 45 is multiples of the number

a. 2

b. 4

c. 70

d. 9

2. If $434 \times n = 0$, then $n =$

a) 0

b) 1

c) 434

d) 7

3. The prime number has only factors ?

a) 1

b) 2

c) 3

d) 5

4. $35 \times 20 =$

a) 350

b) 3,500

c) 700

d) 1,700

5. $200,000 + 50,000 + 300 + 10 + 7 =$

a) 250,317

b) 205,317

c) 253,017

d) 250, 371

6. $674 - 437 =$

a. 243

b. 247

c. 237

d. 233

7 The place value of the digit 7 in the number 7,230,156 is

a. thousand

b. ten thousand

c. hundred thousand

d. million

Q2 Complete the following:

8. 3 hours + 20 minutes = minutes

9. $435,659 + 234,524 =$

10. 7,200 = hundreds

11. The perimeter of a square of side length 5 cm is cm

12. A rectangle of 7 cm length and 5 cm width, then its perimeter =

13. The additive identity element is

14. $936 \div 3 =$

15. From the opposite area model $y =$

	20	8
5	100	y

Q3 Choose the correct answer :-

16. If $234 + x = 1,234$, the value of x is

- a. 500 b.800 c. 1,200 d. 600

17. $2 \times 45 = \dots\dots\dots$

- a) 47 b) 90 c) 410 d) 450

18. The value of the digit 8 in the number 398,476 is

- a. 8,000 b. 80,000 c. 800,000 d.500

19. $85 \times 0 = \dots\dots\dots$

- a) 0 b) 805 c) 850 d) 85

20. $7 + 7 + 7 + 7 = 7 \times \dots\dots\dots$

- a) 5 b) 6 c) 4 d) 7

21. $20 \div 4 - 2 = \dots\dots\dots$

- a. 10 b. 5 c. 3 d. 2

22. the opposite area model represent 30×16 , then $x \dots\dots\dots$

- a) 30 b) 18 c) 180 d) 1800

	10	6
30	240	x

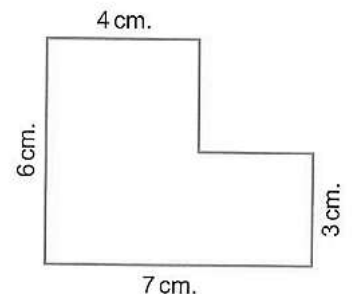
Q3 Answer the following:

23. Find the G.C.F of 12 and 18

24. A bridge of ants consists of 142 ants , and another bridge consists of 164 ants. How many ants are there in the two bridges together?

25. Find the product of 98×4 ?

26. Find the perimeter of the opposite figure



Name :

Model 4

Class :

Q1 Choose the correct answer :-**1.** The digitin the ten thousand place in the number 5,603,431

- a. 0 b. 3 c. 6 d. 5

2. 6 millions, 345 thousands, 12 =

- a) 6,345,012 b) 6,000,345,012 c) 634,512 d) 6,000,345,120

3. 3:40 + 40 minutes

- a) 4:00 b) 4:30 c) 4:20 d) 3:20

4. a rectangle whose perimeter 20 m, and its length 7 m , then its width =m

- a) 3 b) 4 c) 17 d) 27

5. $345 + 0 = 345$ is property

- a) commutative b) associative c) additive identity d) distributive

6. $700,000 + 30,000 + 4,000 + 200 + 8$ 734,280

- a. > b. < c. = d. neither

7 The opposite area model represent 3×123 ,the value of M= ...

- a. 33 b. 6 c. 9 d. 27

	100	20	3
3	300	60	M

Q2 Complete the following:**8.** $17 \div 2 =$ **9.** $45,641 + 23,425 =$ **10.** $78,456 \approx$ (to the nearest ten)**11.** The perimeter of a square of side length 8 cm is cm**12.** A rectangle of area 28 cm^2 and 5 cm width, then its length =**13.** is common factor for all numbers**14.** $34 \times 20 =$ **15.** From the opposite bar model $x =$

	215
x	183

Q3 Choose the correct answer :-

16. Which of the following from the units of measuring the area ?

- a. liter b. meter c. mm^2 d. kg

17. The composite number of the following is =

- a) 3 b) 5 c) 7 d) 9

18. The number is factor of 12

- a. 5 b. 6 c. 10 d. 20

19. $73 \times \dots = 3,700$

- a) 10 b) 100 c) 1,000 d) 10,000

20. The number is multiple of 10

- a) 5 b) 6 c) 15 d) 20

21. $5 + 8 \div 2 = \dots$

- a. 13 b. 15 c. 7 d. 6

22. If $y - 350 = 420$, then $y = \dots$

- a) 770 b) 70 c) 170 d) 810

Q3 Answer the following:

23. Find the G.C.F of 20 and 30

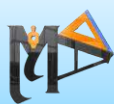
24. Ashraf ate 10 figs in the morning. His older brother ate 6 times as many as Ashraf. How many figs did his brother eat ?

25. Find the product of 17×5 ?

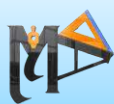
26. $754,872 - 213,438 = \dots$

**Q 1: Choose the correct answer:**

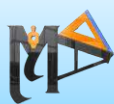
1	The value of the digit 5 in the number 8,135,712 is a. 50 b. 500 c. 5,000 d. 50,000
2	The place value of the digit 8 in the number 3,846,321 is a. Millions b. Thousands c. Hundred thousands d. Ten thousands
3	The digit in ten thousands place in the number 6,387,512 is a. 3 b. 4 c. 7 d. 8
4	The milliard is the smallest number formed from digits a. 6 b. 7 c. 10 d. 9
5	250 hundreds = a. 100 b. 5,200 c. 25,000 d. 100,500
6	500 tens = Hundreds a. 5 b. 50 c. 50,000 d. 15
7	The expanded form of the number 7,215,603 is a. $3 + 60 + 5,000 + 10,000 + 200,000 + 7,000,000$ b. $3 + 60 + 500 + 1,000 + 20,000 + 700,000$ c. $3 + 600 + 5,000 + 10,000 + 200,000 + 7,000,000$ d. $3 + 600 + 5,000 + 1,000 + 200,000 + 7,000,000$
8	What is the standard form of eighteen million, six hundred five thousand? a. 18,605,000 b. 81,605,000 c. 1,860,500 d. 18,650,000



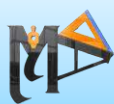
9	The standard form of 5 million, 36 thousand and 206 is a. 5,000,036,206 b. 5,036,206 c. 532,206 d. 5,360,206
10	$300,000 + 40,000 + 5,000 + 500 + 30 + 2 = \dots\dots\dots$ a. 235,543 b. 3,450,532 c. 345,532 d. 34,032
11	$(3 \times 1,000,000) + (5 \times 100,000) + (8 \times 100) = \dots\dots\dots$ a. 35,800 b. 3,500,800 c. 3,005,008 d. 3,580
12	$62,234 \dots\dots\dots 62,324$ a. > b. < c. = d. \leq
13	Rounding the number 34,089 to the nearest ten thousand is a. 34,000 b. 34,090 c. 30,000 d. 35,000
14	Which answer represents rounding 32,582,346 to the nearest million? a. 30,000,000 b. 32,600,000 c. 32,000,000 d. 33,000,000
15	The number $8,239 \approx 8,000$ is rounded to the nearest a. Tens b. Hundreds c. Thousands d. Millions
16	Which expression is the expanded form of 10,005,007 a. $10,000,000 + 5,000 + 7$ b. $10,000 + 5,000 + 7$ c. $1,000 + 500 + 7$ d. $1,000,000 + 500 + 7$
17	$(3 \text{ tens, } 9 \text{ ones}) \dots\dots\dots 10 \times 390$ a. > b. < c. = d. Otherwise
18	The additive identity element is a. 3 b. 2 c. 0 d. 1



19	$25 + 75 = 75 + 25$, is property a. Additive identity b. commutative c. Associative d. Otherwise				
20	Which of the following represent associative property in addition a. $6 + 1 = 7$ b. $(3 + 5) + 6 = 3 + (5 + 6)$ c. $0 + 15 = 15$ d. $7 + 3 = 3 + 7$				
21	$253 + [226 + 142] = [253 + \text{.....}] + 142$ a. 253 b. 226 c. 142 d. 368				
22	In the equation: $b - 4,358 = 3,422$, the value of b = a. 7,780 b. 6,653 c. 5,662 d. 5,556				
23	The value of x in the equation: $725,625 + x = 935,075$ is a. 292,450 b. 290,450 c. 209,540 d. 209,450				
24	In the opposite bar model $x = \text{.....}$ <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td colspan="2">x</td></tr> <tr><td>425</td><td>231</td></tr> </table> a. 666 b. 566 c. 665 d. 656	x		425	231
x					
425	231				
25	In the bar model, the value of m is <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td colspan="2">256</td></tr> <tr><td>m</td><td>180</td></tr> </table> a. 124 b. 156 c. 76 d. 436	256		m	180
256					
m	180				
26	$4 \text{ km} = \text{..... m}$ a. 40 b. 400 c. 4,000 d. 4				
27	$423 \text{ cm} = \text{.....}$ a. 23 m, 4 cm b. 42 m, 3 cm c. 4 m, 23 cm d. 3 m, 42 cm				
28	$5 \text{ kg and } 861 \text{ gm} = \text{..... gm}$ a. 5,861 b. 58,160 c. 5,000,861 d. 5,861,000				
29	If $8,000 \text{ g} = 5 \text{ kg} + a$, then $a = \text{.....}$ a. 3 g b. 3,000 g c. 7,500 g d. 6 kg				

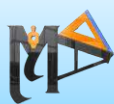


30	13 L, 30 ml = ml a. 1,330 b. 13,030 c. 43 d. 3,013
31	7 liters, 150 milliliters – 780 milliliters = milliliters a. 5,370 b. 6,000 c. 370 d. 6,370
32	2 hours = minutes a. 24 b. 60 c. 120 d. 360
33	5 weeks, 5 days = days a. 10 b. 25 c. 40 d. 50
34	1 day and 5 hours = hours a. 29 b. 65 c. 15 d. 35
35	8:25 – 45 minutes = a. 8 b. 8:20 c. 7:40 d. 8:70
36	3:12 + 2:27 = a. 5:00 b. 5:39 c. 6:00 d. 6:30
37	A rectangle its length is L and its width is w what is its perimeter? a. $L + w$ b. $2 \times (L + w)$ c. $L \times w$ d. $(2 \times L) + w$
38	The side length of a square whose perimeter 28 is cm a. 7 b. 14 c. 5 d. 4
39	Which of the following is a unit of measuring area? a. cm b. mm^2 c. mm d. dm
40	If the area of a rectangle 35 cm^2 and its length 7 cm , then its width = a. 4 cm b. 5 cm c. 6 cm d. 7 cm
41	A square whose area 36 cm^2 , then its side length is cm a. 4 b. 5 c. 6 d. 9
42	$6 + 6 + 6 + 6 = 6 \times \dots\dots\dots$ a. 24 b. 4 c. 5 d. 6

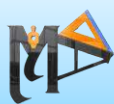


43	10 times the number 430 is	a. 430	b. 4,300	c. 43,000	d. 430,000
44	The number equals 6 times 4	a. 10	b. 2	c. 24	d. 12
45	The number 15 equals 3 times the number	a. 4	b. 5	c. 6	d. 7
46	$80 \times 60 = \dots \times 100$	a. 84	b. 80	c. 48	d. 4,800
47	$8,000 = \dots$ tens	a. 800	b. 80,000	c. 80	d. 8
48	1, 2, 4, 8 are factors of the number	a. 15	b. 8	c. 17	d. 18
49	3 and 7 are factors of	a. 36	b. 35	c. 18	d. 21
50	$18 \div 3 + 4 - 2 = \dots$	a. 8	b. 2	c. 16	d. 0
51	$9 + 2 \times (15 \div 5) = \dots$	a. 15	b. 21	c. 11	d. 18
52	Which is the first step in evaluating $18 - 15 + 3 \times 8 - 2$?	a. $18 - 15$	b. $15 + 3$	c. 3×8	d. $8 - 2$
53	Which of the following = 6 ?	a. $3 \times 1 + 2$	b. $12 + 6 \div 3$	c. $18 - 3 \times 4$	d. $24 \div 6 + 2$
54	The opposite area model represents the product 9×52 , then the missing value in the model is	a. 9	b. 100	c. 45	d. 18

	50	2
9	450



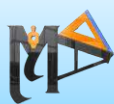
55	<p>The opposite area model represents multiplication equation of</p> <p>a. 8×56 b. 8×65</p> <p>c. 6×86 d. 9×68</p> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">8</div> <table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 5px;">60</td> <td style="padding: 5px;">5</td> </tr> <tr> <td style="padding: 5px;">480</td> <td style="padding: 5px;">40</td> </tr> </table> </div>	60	5	480	40										
60	5														
480	40														
56	<p>Which of the following represents 35×6?</p> <p>a. $(5 \times 6) + (30 \times 6)$ b. $(50 \times 6) + (3 \times 6)$</p> <p>c. $(5 \times 6) + (3 \times 6)$ d. $(50 \times 6) + (30 \times 6)$</p>														
57	<p>$(7 \times 30) + (7 \times 5) = \dots\dots\dots$</p> <p>a. 7×53 b. 70×53 c. 73×75 d. 7×35</p>														
58	<p>The divisor in the following operation $91 \div 7 = 13$ is</p> <p>a. 7 b. 13 c. 75 d. 91</p>														
59	<p>Using the following area model, the quotient equals</p> <p>a. 545 b. 109</p> <p>c. 100 d. 9</p> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">5</div> <table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 5px;">$5 \times 100 = 500$</td> <td style="padding: 5px;">$5 \times 9 = 45$</td> </tr> <tr> <td style="padding: 5px; text-align: center;">100</td> <td style="padding: 5px; text-align: center;">9</td> </tr> </table> </div>	$5 \times 100 = 500$	$5 \times 9 = 45$	100	9										
$5 \times 100 = 500$	$5 \times 9 = 45$														
100	9														
60	<p>By using the following partial quotients, the quotient is</p> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">6</div> <table style="border-collapse: collapse;"> <tr><td style="border-right: 1px solid black; padding: 5px;">823</td><td style="padding: 5px;">100</td></tr> <tr><td style="border-right: 1px solid black; padding: 5px;">- 600</td><td></td></tr> <tr><td style="border-right: 1px solid black; padding: 5px;">223</td><td style="padding: 5px;">30</td></tr> <tr><td style="border-right: 1px solid black; padding: 5px;">- 180</td><td></td></tr> <tr><td style="border-right: 1px solid black; padding: 5px;">43</td><td style="padding: 5px;">7</td></tr> <tr><td style="border-right: 1px solid black; padding: 5px;">42</td><td></td></tr> <tr><td style="border-right: 1px solid black; padding: 5px;">01</td><td></td></tr> </table> </div> <p>a. 137 R1 b. 137 R0 c. 223 R6 d. 223 R1</p>	823	100	- 600		223	30	- 180		43	7	42		01	
823	100														
- 600															
223	30														
- 180															
43	7														
42															
01															
61	<p>If $73 \times 8 = 584$, then $584 \div 8 = \dots\dots\dots$</p> <p>a. 78 b. 73 c. 83 d. 87</p>														
62	<p>The number 15 has factors</p> <p>a. 2 b. 3 c. 4 d. 5</p>														
63	<p>The smallest odd prime number is</p> <p>a. 0 b. 1 c. 2 d. 3</p>														
64	<p>A prime number lying between 20 and 25 is</p> <p>a. 21 b. 22 c. 23 d. 24</p>														




65	The common factor of all numbers is	a. 3	b. 2	c. 1	d. 0
66	Which number is the greatest common factor (G.C.F) of 12 and 6?	a. 2	b. 3	c. 6	d. 12
67	The common multiple of all numbers is	a. 0	b. 1	c. 2	d. 3
68	Which of the following is a multiple of 8?	a. 1	b. 2	c. 4	d. 16
69	Which of the following is a factor of 8?	a. 16	b. 24	c. 32	d. 4
70	Which of the following is NOT multiple of 7?	a. 42	b. 63	c. 707	d. 27

Q 2: Complete the following:

1	The place value of the digit 3 in the number 1,365,854 is
2	The value of the digit 0 in the number 10,281,453 is
3	32,000 = Thousands
4	34 million, 97 thousand in standard form is
5	$3,000,000 + 8,000 + 400 + 30 + 3 = \dots\dots\dots$
6	$7,412,563 = \dots\dots\dots$ millions, $\dots\dots\dots$ thousands, $\dots\dots\dots$
7	The number 543,186 to the nearest thousand is



8	$4,369 \approx \dots\dots\dots$ [to the nearest 100]				
9	The greatest number formed from the digits 2, 0, 5, 3 is				
10	The additive identity element is				
11	<p>In the opposite bar model, the value of the unknown C =</p> <table border="1"> <tr> <th colspan="2">C</th></tr> <tr> <td>3,425</td><td>5,274</td></tr> </table>	C		3,425	5,274
C					
3,425	5,274				
12	<p>In the opposite bar model, B =</p> <table border="1"> <tr> <th colspan="2">235</th></tr> <tr> <td>200</td><td>B</td></tr> </table>	235		200	B
235					
200	B				
13	In the equation $125 + A = 300$, then $A = \dots\dots\dots$				
14	The value of the variable in the equation $k - 1,235 = 2,000$ is				
15	$9,250$ meters = km + m				
16 m = 350 dm				
17	4 minutes and 20 seconds = seconds				
18	$3 : 25 + 6 : 42 = \dots\dots\dots$				
19	A square of side length 3 cm , then its perimeter = cm				
20	A carpet in the shape of a square of side length 3 m , its perimeter = m				
21	The only even prime number				
22	<p>The missing factor in the opposite rainbow is</p> 				
23	If $641 \times 7 = 4,487$, then $4,487 \div 7 = \dots\dots\dots$				



24 The quotient in $480 \div 10 = 48$ is

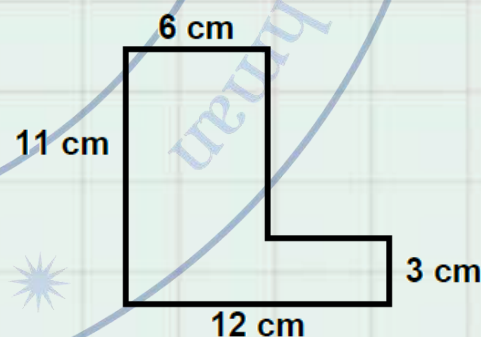
25 $(16 + 8) \div 4 + 2 = \dots\dots\dots$

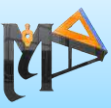
Q 3: Answer the following:

1 The country has provided a vaccination against the corona virus. In the first stage 1,653,465 people were vaccinated and 3,312,447 were vaccinated in the second stage. What is the total number of people vaccinated in both stages?

2 If the population of Matrouh Governorate is 512901 people and the population of South Sinai Governorate is 112,211 people, then what is the difference between the population of Matrouh and the population of South Sinai?

3 Find the area and perimeter.





4

Write all the factors of the number 24.

5

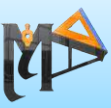
Find the G.C.F of 30 and 45

6

Find the G.C,F between 12 and 18

7

Yassin moves from home at 7:45 A.M. and takes 28 minutes to arrive at the school,
When will yassin arrive at the school?



8

Fatema bought 9 meters of cloth and paid 117 pounds ,then what is the price of one meter ?

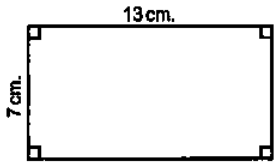
9


A factory produced 4,256 toys in each month. How many toys were produced in 3 months?

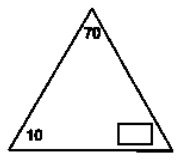
10

Ahmed has 84 stickers, he distributed them equally among 7 of his friends , what is the share of each one ?

Choose the correct answer:

(1)	Which is a composite number ? A. 13 C. 15 B. 3 D. 2
(2)	Which partial products can be used to solve 48×4 ? A. $[4 \times 4] + [8 \times 4]$ C. $[40 \times 4] + [8 \times 4]$ B. $[4 \times 4] \times [80 \times 4]$ D. $[40 \times 4] \times [80 \times 4]$
(3)	Sam's text book is 40 centimeters long. The cover of Sam's book has a perimeter of 100 centimeters. How wide is Sam's book ? A. 20 centimeters C. 10 centimeters B. 30 centimeters D. 40 centimeters
(4)	Giovanni poured 3 liters of milk into a mixing bowl . How many milliliters of milk did he pour ? Which numeral represents the same value as Giovanni's model ? A. 3 B. 30 C. 300 D. 3,000
(5)	$\begin{array}{r} 469 \\ + 252 \\ \hline \end{array}$ A. 217 B. 218 C. 711 D. 721
(6)	What is the value of x ? $333 + x = 681$ A. 1,014 B. 348 C. 352 D. 384
(7)	The area of the opposite figure equals _____ cm^2 A. 91 C. 20 B. 51 D. 40 
(8)	5 kilometers – 300 meters = _____ meters A. 200 B. 250 C. 4,700 D. 49,700
(9)	Which number is the greatest common factor (GCF) of 24 and 36 ? A. 6 B. 7 C. 12 D. 21

(10)	$24 \times 0 = \underline{\hspace{2cm}}$ A. zero B. 24 C. 240 D. 204
(11)	Which choice best shows the identity property of multiplication ? A. $1 \times 5 = 5$ B. $3 \times 2 = 2 \times 3$ C. $3 \times 0 = 0$ D. $3 + 0 = 3$
(12)	$354 + [116 + 243] = [354 + \underline{\hspace{2cm}}] + 243$ A. 354 B. 116 C. 243 D. 359
(13)	How many digits does the numeral 30,693 have ? A. 3 B. 4 C. 5 D. 6
(14)	$9\text{ m} - 80\text{ cm} = \underline{\hspace{2cm}}\text{ cm}$ A. 1 B. 10 C. 100 D. 820
(15)	$720\text{ hundreds} = \underline{\hspace{2cm}}\text{ tens.}$ A. 720 B. 7,200 C. 72,000 D. 720,000
(16)	Which of the following is the least number possible formed from the digits : 2 , 7 , 0 , 6 , 4 ? A. 2,467 B. 20,647 C. 20,467 D. 764,20
(17)	$2,785 + 0 = 2,785$ is used <u> </u> property. A. commutative B. associative C. additive identity D. multiplicative identity
(18)	$8,600\text{ g} \underline{\hspace{2cm}} 86\text{ kg}$ A. > B. < C. =
(19)	Which is Not a multiple of 6 ? A. 0 B. 30 C. 20 D. 42
(20)	The perimeter of the opposite rectangle equals <u> </u> A. 10 m B. 20 m C. 14 m D. 14 cm <div style="text-align: right; margin-top: 10px;">  </div>

- (21) The multiplication equation of $5 + 5 + 5 + 5 = 20$ is _____
 A. $2 \times 10 = 20$ B. $5 \times 4 = 20$
 C. $20 \times 1 = 20$ D. $10 + 10 = 20$
- (22) The factor pair 3 and 8 is for the number _____
 A. 5 B. 11 C. 12 D. 24
- (23) $4,400 \text{ m} = \text{_____ km, _____ m}$
 A. 4, 4 B. 4, 40 C. 4, 400 D. 40, 40
- (24) 350,000 is _____ times more than 35,000.
 A. 10 B. 100 C. 1,000 D. 10,000
- (25) $[6 \times 40] + [6 \times 8] = \text{_____}$
 A. 6×48 B. 6×84 C. 6×480 D. 6×12
- (26) Which of the following is a prime number ?
 A. 1 B. 3 C. 9 D. 15
- (27) If $a \times 31 = 31 \times 9$, then $a = \text{_____}$
 A. 7 B. 40 C. 31 D. 9
- (28) $18 \text{ m, } 14 \text{ cm} = \text{_____ cm}$
 A. 32 B. 1,814 C. 18,140 D. 18,014
- (29) Which of the following numbers is the largest ?
 A. 83,987 B. 8,315 C. 833,400 D. 833,312
- (30) The missing factor in the box equals _____
 A. 7,000 B. 70
 C. 700 D. 7
- 
- (31) Which of the following are the common factors of 15 and 25 ?
 A. 1 and 3 B. 1 and 5 C. 1 and 15 D. 1 and 25
- (32) The suitable mass of a rabbit is _____
 A. 2,000 g B. 200 kg C. 20 g D. 29 kg

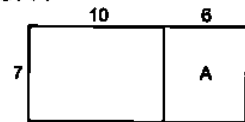
(33) The area model represents 16×7 . What number belongs in rectangle A?

A. 7

B. 70

C. 42

D. 420



(34) _____ is 100 times less than one million.

A. 100

B. 1,000

C. 10,000

D. 100,000

(35) The product of 192×3 is close to _____

A. 400

B. 500

C. 600

D. 700

(36) Multiples of 2 are _____ numbers.

A. even

B. odd

C. prime

(37) $2 \times [5 \times 4] = [2 \times \text{_____}] \times 4$

A. 2

B. 4

C. 5

D. 40

(38) Which is a compose to $[7 \times 10,000] + [2 \times 10] + [4 \times 1]$?

A. 724

B. 70,240

C. 7,024

D. 70,024

Complete:

(1) The value of the digit 5 in the number 352,671 is _____

(2) Three hundred sixty in the standard form is _____

(3) In the bar model

56	
y	26

, $y =$ _____

(4) $5 \text{ L} - 3,000 \text{ mL} =$ _____ L

(5) The side length of a square = its perimeter \div _____

(6) $253 + 199 =$ _____

(7) 30 is _____ times greater than 6.

(8) The common factor for all numbers is _____

- (9) $1,721 \times 4 = \underline{\hspace{2cm}}$
- (10) $897 \text{ mm} = \underline{\hspace{2cm}} \text{ cm} , \underline{\hspace{2cm}} \text{ mm}$
- (11) $8,000 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$
- (12) $18,682 \approx \underline{\hspace{2cm}}$ [Round to the nearest ten thousand]
- (13) All the factors of 24 are $\underline{\hspace{2cm}}$
- (14) The quotient in $136 \div 8 = 17$ is $\underline{\hspace{2cm}}$
- (15) $[4 \text{ tens and } 3 \text{ ones}] \times 10 = \underline{\hspace{2cm}}$
- (16) In the bar model

x	
54	32

, $x = \underline{\hspace{2cm}}$
- (17) $5,700 \text{ mL} = \underline{\hspace{2cm}} \text{ L} , \underline{\hspace{2cm}} \text{ mL}$
- (18) The length of a rectangle is 10 cm and the width is 8 cm , then the area of this rectangle equals $\underline{\hspace{2cm}}$
- (19) $\underline{\hspace{2cm}}$ is the only even prime number.
- (20) 5 times greater than 3 is $\underline{\hspace{2cm}}$
- (21) $8 \times 479 = 8 \times [\underline{\hspace{2cm}} + 70 + 9]$
- (22) 7,866,214,261 rounded to the nearest million $\approx \underline{\hspace{2cm}}$
- (23) If $12 - m = 4$, then $m = \underline{\hspace{2cm}}$
- (24) 10 hours = $\underline{\hspace{2cm}}$ minutes
- (25) A square is of area 49 km^2 , then its side length is $\underline{\hspace{2cm}}$
- (26) $13 \times 56 = 56 \times \underline{\hspace{2cm}}$
- (27) $11 \text{ kg} , 800 \text{ g} - 9 \text{ kg} , 520 \text{ g} = \underline{\hspace{2cm}} \text{ kg} , \underline{\hspace{2cm}} \text{ g}$
- (28) $354 + [116 + 243] = [354 + \underline{\hspace{2cm}}] + 243$

(29) Composed : 309,431


MILLIARDS	MILLIONS			THOUSANDS			ONES		
O	H	T	O	H	T	O	H	T	O
—	—	—	—	—	—	—	—	—	—

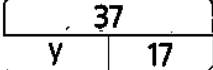
(30) 16 is _____ times greater than 2.

(31) The factor pair 2 and 5 is for the number _____

(32) $6 \times [300 + 20 + 4] = 6 \times$ _____

(33) The perimeter of the rectangle = _____ + _____

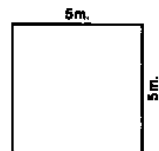
(34) Write the time :  _____ : _____

(35) In the bar model , $y =$ _____

(36) The value of the digit 1 in the number 1,324,072,569 is _____

(37) 1,800 cm is equivalent to _____ meters.

(38) In the opposite figure :
The perimeter of the square = _____ m



(39) The smallest prime number is _____

(40) Write the time in two ways.



_____ : _____

It's _____

(41) $30 \times 20 =$ _____ tens.

(42) The factors of 12 are _____

(43) Round 664,418

a. to the nearest ten _____

b. to the nearest ten thousand _____

(44) 7 times as many as 4 is _____

(45) $5 \times 139 = 5 \times \text{_____} + 5 \times \text{_____} + 5 \times 9$ (46) $5,856,469 \approx 5,900,000$ (Rounded to the nearest _____)

Essay Problems:

(1) The duration of a film show is 3 hr , 15 min. It starts at 6 : 30 p.m. When will it end ?
_____(2) Ahmed has a rectangular garden that is 4 meters wide and 6 meter long. What is the area of Ahmed's garden ?

(3) Apply th properties of addition and multiplication , find the result of :

a. $99 + 26 + 1 = \text{_____}$ b. $5 \times 13 \times 2 = \text{_____}$ (4) Find the greatest common factor of 12 and 18.
_____(5) The total weight of Ahmed's bag is 35 kg , 500 g and Dina's bag is 25 kg , 250 g. Whose bag is heavier and by how much ?

(6) Solve the following equation , create a bar model.

Solve it : $m - 3 = 12$

(7)

Estimate using rounding to the nearest hundred to find the result of.

$$\begin{array}{r} \text{a.} \quad 579 \\ + \quad 62 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b.} \quad 4,746 \\ - \quad 1,594 \\ \hline \end{array}$$

(8)

Write the numbers in a descending order:

430,000,459 , 43,000,549 , 403,000,456 , 430,549,000

(9)

Elen travelled 10 days continuously. She travel 3,000 meters each day.

How many kilometers did she walk in all ?

(10)

Calculate GCF of 10 and 15.

(11)

Use the following digits 3, 9, 0, 5, 7 to make the largest number possible and the smallest number possible.

- The largest is _____
- The smallest is _____

(12)

Find GCF of the numbers 20 and 30.

(13)

Find the area and the perimeter of a square of side length 7 mm.

Choose the correct answer:

(1)	The number is one of the number 8 factors. ● 4 ● 6 ● 16 ● 7
(2)	The perimeter of the square whose side length is 6 m is ● 8 m ● 12 m ● 36 m ● 24 m
(3)	The estimation of 6,563,235 by using the front-end strategy is ● 6,000,000 ● 6,500,000 ● 6,600,000 ● 7,000,000
(4)	If the area of a rectangle is 30 m^2 and its width is 5 m, then its length is ● 6 m ● 5 m ● 3 m ● 10 m
(5)	7 km, 425 m = m. ● 700,425 ● 7,425 ● 7,524 ● 5,247
(6)	The common multiples of 2 and 3 together are multiples of the number ● 5 ● 7 ● 8 ● 6
(7)	3 million, 6 thousand, 24 in the standard form is ● 3,060,024 ● 3,600,024 ● 3,006,024 ● 3,006,240
(8)	$69 + 58 = 58 + 69$ represents the property of addition. ● commutative ● associative ● additive identity ● additive inverse
(9)	The perimeter of the rectangle whose length is 6 m and its width is 3 m is ● 18 m ● 12 m ● 18 cm ● 24 m
(10)	The G.C.F. of 35 and 25 is ● 10 ● 7 ● 5 ● 20
(11)	9 kg, 35 gm = gm ● 900,035 ● 9,035 ● 9,350 ● 9,305
(12)	21 hundred = ● 2,100 ● 1,200 ● 210 ● 21,000
(13)	The common factors of 6 and 8 are ● 1 and 2 ● 1, 2 and 4 ● 1, 2 and 3 ● 4 and 6
(14)	The related fact of $2,700 \div 3$ is ● $270 \div 3 = 9$ ● $2,700 \div 3 = 90$ ● $27 \div 3 = 9$ ● $2,700 \times 3 = 9$
(15)	The related fact of $25,000 \div 5$ is ● $250 \div 5 = 5$ ● $25 \div 5 = 5$ ● $20 \div 5 = 4$ ● $2,500 \div 5 = 500$
(16)	Fatma started cooking at 6:15 p.m. for 50 minutes, so she finished at ● 6:53 p.m. ● 6:55 p.m. ● 7:00 p.m. ● 7:05 p.m.
(17)	56 is seven times ● 8 ● 448 ● 63 ● 756

(18)	<p>The number 5,325 in the decomposed form is</p> <p> <input type="radio"/> $(3 \times 1000) + (5 \times 100) + (2 \times 10) + (5 \times 1)$ <input type="radio"/> $(5 \times 1000) + (3 \times 100) + (2 \times 10) + (5 \times 1)$ </p> <p> <input type="radio"/> $(5 \times 1000) + (2 \times 100) + (3 \times 10) + (5 \times 1)$ <input type="radio"/> $(2 \times 1000) + (5 \times 100) + (3 \times 10) + (5 \times 1)$ </p>
(19)	<p>The number 84,215 in the expanded form is</p> <p> <input type="radio"/> $80,000 + 2,000 + 500 + 10 + 5$ <input type="radio"/> $80,000 + 4,000 + 200 + 10 + 5$ </p> <p> <input type="radio"/> $80,000 + 40,000 + 2,000 + 10 + 5$ <input type="radio"/> $80,000 + 1,000 + 200 + 1 + 50$ </p>
(20)	<p>80,000 = times as many as eight hundred.</p> <p> <input type="radio"/> 10 <input type="radio"/> 100 <input type="radio"/> 1,000 <input type="radio"/> 10,000 </p>
(21)	<p>The formula of the perimeter of the square whose side length is L is</p> <p> <input type="radio"/> $2L$ <input type="radio"/> $4L$ <input type="radio"/> $L + 4$ <input type="radio"/> $L - 4$ </p>
(22)	<p>The quotient of $245,325 \div 5$ by using the front-end strategy is</p> <p> <input type="radio"/> 80,000 <input type="radio"/> 40,000 <input type="radio"/> 400,000 <input type="radio"/> 800,000 </p>
(23)	<p>$40 \text{ m} + 20 \text{ cm} = \dots\dots\dots \text{ cm}.$</p> <p> <input type="radio"/> 420 <input type="radio"/> 42 <input type="radio"/> 60 <input type="radio"/> 4,020 </p>
(24)	<p>$9 \text{ km}, 3 \text{ m} = \dots\dots\dots \text{ m}.$</p> <p> <input type="radio"/> 93 <input type="radio"/> 90,003 <input type="radio"/> 9,003 <input type="radio"/> 9,300 </p>
(25)	<p>If $6 \times 7 = 42$, then 42 is a of 6 and 7</p> <p> <input type="radio"/> multiple <input type="radio"/> factor <input type="radio"/> double <input type="radio"/> triple </p>
(26)	<p>The estimation of 8,524,214 by using the front-end strategy is</p> <p> <input type="radio"/> 8,000,000 <input type="radio"/> 9,500,000 <input type="radio"/> 8,500,000 <input type="radio"/> 7,000,000 </p>
(27)	<p>The estimation of 652,521 by using the front-end strategy is</p> <p> <input type="radio"/> 600,000 <input type="radio"/> 650,000 <input type="radio"/> 700,000 <input type="radio"/> 652,000 </p>
(28)	<p>$18 \text{ km}, 23 \text{ m} = \dots\dots\dots \text{ m}.$</p> <p> <input type="radio"/> 180,230 <input type="radio"/> 18,023 <input type="radio"/> 1,823 <input type="radio"/> 23,018 </p>
(29)	<p>$(3 \times 50,000) + (3 \times 6,000) + (3 \times 500) + (3 \times 60) + (3 \times 7) = \dots\dots\dots$</p> <p> <input type="radio"/> $3 \times 56,657$ <input type="radio"/> $3 \times 56,567$ <input type="radio"/> $3 \times 65,567$ <input type="radio"/> $3 \times 56,765$ </p>
(30)	<p> $\begin{array}{r} 73 \\ 5 \overline{) 365} \end{array}$ Which of the following equations is correct? </p> <p> <input type="radio"/> $365 \times 5 = 73$ <input type="radio"/> $365 \times 73 = 5$ <input type="radio"/> $365 \div 5 = 73$ <input type="radio"/> $73 \div 365 = 5$ </p>
(31)	<p>$14 \text{ L} + 5000 \text{ mL} = \dots\dots\dots \text{ L}.$</p> <p> <input type="radio"/> 15 <input type="radio"/> 5,014 <input type="radio"/> 19 <input type="radio"/> 1,450 </p>
(32)	<p>Which is the best to include in the explanation of the commutative property of addition?</p> <p> <input type="radio"/> $9 + 0 = 9$ <input type="radio"/> $6 + 9 = 9 + 6$ </p> <p> <input type="radio"/> $9 + 11 = 9 + 3 + 8$ <input type="radio"/> $9 + 5 = 10 + 4$ </p>

Complete:

- (1) The value of the digit 6 in the number 3,564,215 is
- (2) The common factor of all numbers is
- (3) If $a \times 6 = 18$, then $a =$
- (4) $321 \times 4 =$
- (5) The prime numbers have only factors.
- (6) The number 6,564,735 rounded to the nearest hundred thousand is
- (7) 2 hours and 20 minutes = minutes.
- (8) $(61 + 23) + 24 =$ + $(23 + 24)$
- (9) 10 times greater than 32 is
- (10) The common multiple of all numbers is
- (11) $324 \div 3 =$
- (12) The number 7,257,365 rounded to the nearest millions is
- (13)

526
200 M

 by using the previous bar model $M =$
- (14) $3:35 + 2:20 =$
- (15) $65,254 - 23,628 =$
- (16) The divisor of $56 \div 7 = 8$ is
- (17) The place value of the digit 3 in the number 1,365,854 is
- (18) $3 \text{ L} + 2 \text{ L} + 500 \text{ mL} =$ mL
- (19) The factors of 23 are and
- (20) The only even prime number is
- (21) Six million, two hundred thirty thousand in the standard form is
- (22) 7 weeks and 1 day = days.
- (23) 81 hundred thousand $\times 10 =$
- (24)

	40	?
10	400	90
5	200	45

 The missing number is

(25) $3 \times 7 = \dots\dots\dots$, then $\dots\dots\dots$ is a multiple of 3 and 7

(26) The greatest number can be formed from the digits 3, 6, 5, 4, 8, 2 and 9 is $\dots\dots\dots$

(27) $23,654 + 13,365 = \dots\dots\dots$

(28) $37 \div 6 = \dots\dots\dots$, R $\dots\dots\dots$

Essay Problems:

(1) An ant walks about 5,000 meters each day. How many kilometers does this ant walk in 6 days?

$\dots\dots\dots$

$\dots\dots\dots$

(2) Fatma's rectangular room is 10 meters long and it has a perimeter of 30 meters. What is the width of the room?

$\dots\dots\dots$

$\dots\dots\dots$

(3) If the perimeter of a square is 28 cm, find its area.

$\dots\dots\dots$

$\dots\dots\dots$

(4) Ahmed left home at 7:15 a.m. going to his work. If he spent one hour and a half in the way, when would he arrive at his work?

$\dots\dots\dots$

$\dots\dots\dots$

(5) Find the quotient of $457 \div 3$ by using the standard division algorithm.

$\dots\dots\dots$

$\dots\dots\dots$

$\dots\dots\dots$

(6) Find the G.C.F. of 40 and 45

$\dots\dots\dots$

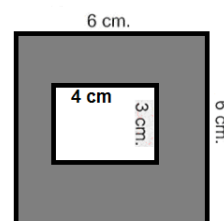
$\dots\dots\dots$

(7) In the oppsite figure :
Find the area of the shaded part

$\dots\dots\dots$

$\dots\dots\dots$

$\dots\dots\dots$



Choose the correct answer:

- (1) The value of the digit 6 in the number 3,564,215 is
- (2) The place value of the digit 3 in the number 1,365,854 is
- (3) Three milliard (billion), five hundred ninety thousand, three hundred five: (in Standard Form)
 Ⓐ 3,000,590,305 Ⓑ 3,590,305
 Ⓒ 3,590,000,305 Ⓓ 3,005,900,305
- (4) $40,225,885 < \dots\dots\dots$.
 Ⓐ 8,688,988 Ⓑ 41,200,800
 Ⓒ 9,999,999 Ⓓ 39,009,000
- (5) $258,456 \approx \dots\dots\dots$. (To the nearest 10,000)
 Ⓐ 250,000 Ⓑ 260,000
 Ⓒ 200,000 Ⓓ 300,000
- (6) $25 + 152 = 152 + 25$. (..... Property)
 Ⓐ Neutral Element Ⓑ Associative
 Ⓒ Commutative Ⓓ Distributive
- (7) $63 + (15 + 95) = (63 + 15) + 95$. (..... Property)
 Ⓐ Neutral Element. Ⓑ Associative.
 Ⓒ Commutative. Ⓓ Distributive
- (8) $258 + 0 = 258$. (..... Property)
 Ⓐ Neutral Element Ⓑ Associative
 Ⓒ Commutative Ⓓ Distributive
- (9) $456 + 998 = 454 + \dots\dots\dots$.
 Ⓐ 999 Ⓑ 990
 Ⓒ 1,000 Ⓓ 996
- (10) The best unit for measuring the **height** of a class is the
 Ⓐ meter Ⓑ centimeter
 Ⓒ millimeter Ⓓ kilometer

- (11) If $x + 245 = 786$, then $x =$
- a** 245 + 786 **b** 786 – 245
c 245 + 541 **d** 786 – 541
-
- (12) If $452 - y = 152$, then $y =$
- a** 452 + 152 **b** 152 + 200
c 452 – 152 **d** 452 – 200
-
- (13) The best unit for measuring a dog's **mass** is
- a** grams **b** centigrams
c milligrams **d** kilograms
-
- (14) The best unit for measuring a car's fuel tank is
- a** liters **b** centiliters
c milliliters **d** dekaliters
-
- (15) The time is now 10:25, what time will it be in fifty minutes?
..... .
- a** 10: 50 **b** 10: 15
c 11:25 **d** 11:15
-
- (16) The **height** of Cairo Tower is 198 meters. How high is it in centimeters?
- a** 198 cm **b** 1,980 cm
c 19,800 cm **d** 198,000 cm
-
- (17) If Shaima's weight is 65 kilograms and 500 grams, then her weight in grams =
- a** 565 gm **b** 650,500 gm
c 65,000,500 gm **d** 65,500 gm
-
- (18) If a fish tank contains 20 liters and 250 milliliters of water. The **volume** of water in the tank in milliliters is
- a** 20,250 ml **b** 2,250 ml
c 25,020 ml **d** 2,025 ml

(19) A rectangle of 8 cm length and 6 cm width, its **perimeter** is cm.

a $8 + 6 + 8 + 6$

b $8 \times 6 \times 8 \times 6$

c $8 \times 6 \times 2$

d $8 + 6 + 2$

(20) Which of the following is a formula for the **perimeter of the rectangle**?

a $P = L + W + 2$

b $P = (L \times W) \times 2$

c $P = (L \times 2) + (W \times 2)$

d $P = (L \times W) + 2$

(21) Which of the following is a formula for the **perimeter of the rectangle**?

a $P = L + W + L + W$

b $P = L \times 2 \times W \times 2$

c $P = (L + 2) \times (W + 2)$

d $P = (L + W) + 2$

(22) Which of the following is a formula for the **area of the rectangle**?

a $A = L \times W$

b $A = L \times W \times 2$

c $A = L + W$

d $A = L + W + 2$

(23) To compare between 6 and 18:

a 18 equals six times 6

b 18 equals six times 3

c 18 equals triple 6

d 18 equals triple 3

(24) $8 + 8 + 8 + 8 + 8 =$

a 8×8

b $8 + 8$

c $8 + 5$

d 8×5

(25) $6 \times 4 =$

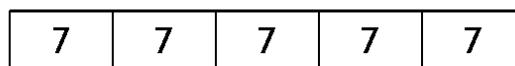
a $6 + 6 + 6 + 6$

b $6 \times 6 \times 6 \times 6$

c $4 + 4 + 4 + 4$

d $4 \times 4 \times 4$

(26) The opposite **Strip Diagram** represents:



a 35 equals seven times 7

b 35 equals five times 7

c 35 equals seven times 5

d 35 equals five times 5

(27) The equation that represents "28 equals four times n" is

a $28 = 4n$

b $28n = 4$

c $28 = 4 + n$

d $28 - n = 4$

(28) If $8 \times 5 = a \times 8$, then $a =$

a 40

b 8

c 5

d 64

(29) $200 \times \dots = 10,000$.

a 5

b 50

c 500

d 5,000

(30) The number of **factors** of 16 are

a 3

b 4

c 5

d 6

(31) The number 17 is a **prime** number because

a it has one factor only

b it has two factors only

c it has no factors

d it has more than two factors

(32) The number that has the **factors** (1 , 2 , 3 , 4 , 6 , 8 , 12 , 24) is

a 8

b 12

c 24

d 36

(33) The **smallest odd** prime number is

a 0

b 1

c 2

d 3

(34) The **greatest common factor** of 24 and 36 is

a 6

b 12

c 4

d 3

(35) is a **common multiple** of 8 and 6.

a 12

b 16

c 48

d 36

(36) If $6 \times 8 = 48$, then

a 48 is a multiple of 6 and 8

b 48 is a factor of 6

c 48 is a sum for 6 and 8

d 6 is a factor of 8

(37) is an **odd** number and a **multiple** of the two numbers 5 and 7.

a 70

b 49

c 35

d 25

(38) The opposite **Rectangle Area Model** represents:

a 52×23

b 25×23

c 32×52

d 25×32

X	20	5
30	30×20	30×5
2	2×20	2×5

- (12) 400,020 **milliliters** = **liters** and **milliliters**.
- (13) A rectangle of 15 m length and 10 m width, its **perimeter** is
- (14) A square has a 6 cm side length, its **perimeter** is
- (15) A square whose sides are 7 mm has a **surface area** of mm².
- (16) A rectangle has a length of 8 cm and a width of 4 cm. Its **surface area** is cm².
- (17) A square has a perimeter of 36 cm, the **length** of its side is cm.
- (18) A square has an area of 36 cm², the **length** of its side is cm.
- (19) The equation that represents "**36 equals four times n**" is
- (20) If $5X = 35$, then $X =$
- (21) $20 \times 50 = 50 \times$
- (22) The **factors** of 14 are,,,
- (23) The number that has **only two factors** is called a number.
- (24) Multiples of 6 up to 20 are
- (25) The relationship between the numbers 5, 6 and 30 is that the number 30 is a for the numbers 5 and 6.
- (26) is a prime number whose the sum of its factors is 8.
- (27) $80 \times 900 =$
- (28) $800 \times 30 = 24 \times$

Essay Problems:

- (1) Adam has a rectangular computer keyboard that is 40 cm long and 15 cm wide. How can Adam calculate the perimeter of the keyboard?

.....

.....

- (2) In one week 6,245 tourists visited the pyramids, and in the following week 5,375 tourists did.

How many total tourists visited the pyramids in the two weeks?

Bar Model:

Equation:

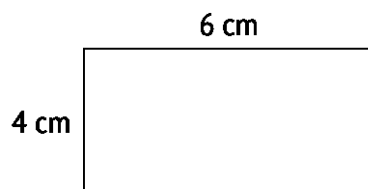
Solution:

.....	
.....

- (3) Calculate the area and perimeter of each of the following shapes:

(Show your steps)

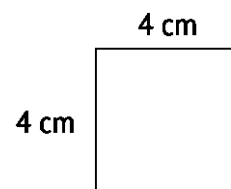
a



.....

.....

b



.....

.....

- (4) The number m equals eight times the number 6.

Equation :

Solution :

- (5) The number 24 equals eight times the number n .

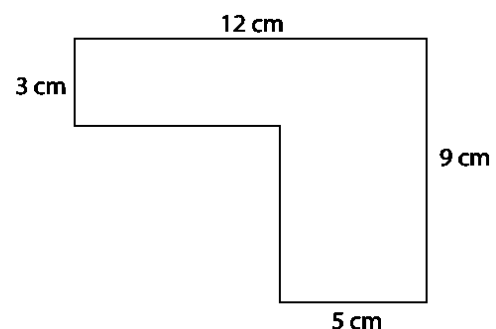
Equation :

Solution :

- (6) Find the perimeter and the area of the opposite shape

Perimeter =

Area =



(7)

42×234

36×47

(8)

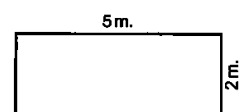
78×3

8×245

(9)

[1] Choose the correct answer:

- (1) The value of the digit 4 in the number 24,231 is
(a) 40 **(b)** 40,000 **(c)** 400 **(d)** 4,000
- (2) 21 is a of the two numbers 3 and 7.
(a) multiple **(b)** factor **(c)** identity **(d)** twice
- (3) is a prime number.
(a) 1 **(b)** 12 **(c)** 23 **(d)** 24
- (4) The area of a square of side length 5 cm is cm².
(a) 5 **(b)** 20 **(c)** 25 **(d)** 15
- (5) $800 \times 5 =$
(a) 40 **(b)** 400 **(c)** 4,000 **(d)** 40,000
- (6) 3 is a of the number 15.
(a) multiple **(b)** factor **(c)** identity **(d)** twice
- (7) is a composite number.
(a) 2 **(b)** 12 **(c)** 17 **(d)** 23
- (8) The perimeter of a square of side length 5 cm is cm.
(a) 5 **(b)** 20 **(c)** 25 **(d)** 15
- (9) 21,034 m = 21 Km and m
(a) 340 **(b)** 34 **(c)** 43 **(d)** 430
- (10) The number 7 has factor(s).
(a) 2 **(b)** 1 **(c)** 3 **(d)** 4
- (11) is 4 times the number 3.
(a) 2 **(b)** 12 **(c)** 17 **(d)** 23
- (12) The perimeter of the opposite rectangle is cm.



- (13) 7,800 g 9 Kg
a > **b** < **c** = **d** otherwise
- (14) $(6 \times 1,000) + (5 \times 100) + (8 \times 10) + (4 \times 1) =$
a 5,648 **b** 6,854 **c** 6,584 **d** 4,856
- (15) 7,400,000 is times more than 74,000.
a 10 **b** 100 **c** 1,000 **d** 10,000
- (16) $69 + 45 = 45 + 69$ represents the property
a commutative **b** associative
c additive identity **d** distribution
- (17) The value of the digit 7 in the number 7,524,231 is
a 7,000,000 **b** 700,000 **c** 70,000 **d** 7,000
- (18) Thirty-seven is a
a number **b** digit **c** numeral **d** otherwise
- (19) The smallest odd prime number is
a 2 **b** 3 **c** 5 **d** 7
- (20) The area of a square of side length 3 cm is cm^2 .
a 3 **b** 9 **c** 12 **d** 15
- (21) The value of the digit 7 in the number 7,524,231 is
a 7,000,000 **b** 700,000 **c** 70,000 **d** 7,000
- (22) Thirty-seven is a
a number **b** digit **c** numeral **d** otherwise
- (23) The smallest odd prime number is
a 2 **b** 3 **c** 5 **d** 7
- (24) The area of a square of side length 3 cm is cm^2 .
a 3 **b** 9 **c** 12 **d** 15

- (25) $(7 \times 500) + (7 \times 30) + (7 \times 2) = \dots\dots\dots$
a 7×352 **b** 7×532 **c** 3×37 **d** 500×37
- (26) 5 is a of the number 20.
a multiple **b** factor **c** identity **d** twice
- (27) is a composite number.
a 2 **b** 3 **c** 15 **d** 17
- (28) The perimeter of a square of side length 3 cm is cm.
a 9 **b** 12 **c** 15 **d** 6
- (29) 12,400 mL = 12 L and mL
a 4 **b** 40 **c** 400 **d** 4000
- (30) The number 17 has factor(s).
a 2 **b** 1 **c** 3 **d** 4
- (31) is 5 times the number 8.
a 2 **b** 3 **c** 13 **d** 40
- (32) $(21 + 14) + 11 = 21 + (14 + 11)$ is called property
a commutative **b** associative
c additive identity element **d** distribution
- (33) 8,200 mL 8 L
a > **b** < **c** = **d** otherwise
- (34) $5,000 + 600 + 40 + 8 = \dots\dots\dots$
a 5,648 **b** 6,854 **c** 6,584 **d** 4,856
- (35) 7,000 is times more than 700.
a 10 **b** 100 **c** 1,000 **d** 10,000
- (36) $36 + 0 = 36$ is called property
a commutative **b** associative
c additive identity element **d** distribution

[2] Complete:

- (1) The place value of the digit 5 in the number 52,621 is
- (2) The perimeter of a rectangle whose dimensions are 5 cm and 2 cm is cm
- (3) The smallest prime number is
- (4) The place value of the digit 6 in the number 52,621 is
- (5) The area of a rectangle whose dimensions are 5 cm and 2 cm is cm^2 .
- (6) 20 is times as many as 5.
- (7) The place value of the digit 3 in the number 3,752,621 is
- (8) 42 is seven times
- (9) is the additive identity.
- (10) The value of the digit 7 in the number 3,752,621 is
- (11) If the area of rectangle is 30 cm^2 , and its length is 5 cm, then its width is cm.
- (12) is the multiplicative identity.
- (13) The place value of the digit 2 in the number 53,621 is
- (14) The perimeter of a rectangle whose dimensions are 3 cm and 2 cm is cm
- (15) The smallest number formed from the digits 9,2,5,3, and 1 is
- (16) The value of the digit 5 in the number 52,601 is
- (17) The area of a rectangle whose dimensions are 5 m and 4 m is m^2 .
- (18) 36 is times as many as 9.
- (19) The place value of the digit 8 in 8,353,752,621 is
- (20) 27 is nine times greater than

- (21) is the multiplicative identity element.
- (22) $91,024 + 32,549 =$
- (23) If: $853 - A = 751$, then $A =$
- (24) The greatest number formed from the digits 2, 0, 5, 3 is
- (25) The time is



[3] Essay Problems:

- (1) 24 is eight times the number n
 Equation :
 Solution :
- (2) Find the product of 42×32 .

- (3) Fatima started cooking at 6:20 p.m. for 40 minutes, when did she finish cooking?

- (4) Using the bar model, find the value of M .

526	
200	M

- (5) Ali bought 5 mobiles, the price of each one is 2,000 pounds. How much did Ali pay?

- (6) Find the G.C.F. of 12 and 18

- (7) An ant walks 3,000 meters each day. How many kilometers does this ant walk in 5 days?

(8)

$$\begin{array}{r} 1. \quad 7,356 \\ - 2,547 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 3,785 \\ + 2,816 \\ \hline \end{array}$$

- (9) Mona read 5 pages yesterday, Ola read 3 times what Mona read.
How many pages did Ola read?

Equation : Solution :

- (10) Find the product of 36×23 .

.....

- (11) There are 20,000 ants in the colony. If 1,500 ants went out to find food. How many ants didn't leave the colony?

.....

- (12) Using the bar model, find the value of M.

M	
251	349

.....

- (13) Find the G.C.F. of 15 and 35.

.....

- (14) Rectangular gymnasium 7 meters long and 4 meters wide. Find its perimeter?

- (15) Using the area model, find the value of x .

	40	9
10	400	x
5	200	45

The value x =

(16)

Choose the correct answer:

- (1) The Place value of the digit 3 in the number 3,254,568 is
- a** tens **b** hundreds **c** millions **d** ones
- (2) 3 kg = g
- a** 3 **b** 30 **c** 300 **d** 3,000
- (3) The additive identity element is
- a** 0 **b** 1 **c** 2 **d** 3
- (4) A square of side length 5 cm, then its area = cm²
- a** 11 **b** 22 **c** 25 **d** 30
- (5) 5 times greater than 6 =
- a** 20 **b** 30 **c** 40 **d** 50
- (6) $20 \times 6 = \dots \times 20$
- a** 20 **b** 6 **c** 4 **d** 2
- (7) $5 \times (2 \times 3) = \dots$
- a** 50 **b** 30 **c** 20 **d** 10
- (8) $4 \times 10,000 = \dots$
- a** 40 **b** 400 **c** 4,000 **d** 40,000
- (9) $21 \times 3 = \dots$
- a** 23 **b** 33 **c** 63 **d** 53
- (10) $60 - 10 \times 2 = \dots$
- a** 100 **b** 40 **c** 20 **d** 50
- (11) $35 \times 0 = \dots$
- a** 0 **b** 35 **c** 350 **d** 305
- (12) 1 day and 5 hours = hours
- a** 29 **b** 54 **c** 15 **d** 35

- (13) 20 tens =
a 2 **b** 12 **c** 120 **d** 200
- (14) $3 \times 4,000 =$
a 1,200 **b** 7,000 **c** 12,000 **d** 70,000
- (15) Which is not a multiple of 7?
a 42 **b** 63 **c** 707 **d** 27
- (16) The perimeter of a square of side length 10 meters is m
a 20 **b** 40 **c** 100 **d** 80
- (17) 13 L and 30 ml = ml
a 1,330 **b** 13,030 **c** 43 **d** 3,103
- (18) The common factor of all numbers is
a 0 **b** 1 **c** 2 **d** 3
- (19) $34,089 \cong$ (to the nearest ten thousands)
a 34,000 **b** 34,090 **c** 30,000 **d** 35,000
- (20) $72 \times 15 =$
a 135 **b** 405 **c** 185 **d** 1,080
- (21) Which of the following is a prime number?
a 1 **b** 50 **c** 14 **d** 11
- (22) If: $500 \div 5 = 100$, then the dividend is
a 500 **b** 5 **c** 100 **d** 0
- (23) The digit in the hundred thousands of 943,824 is
a 2 **b** 8 **c** 4 **d** 9
- (24) The area of rectangle =
a $L + W$ **b** $L \times W$ **c** $(L+W) \times 2$ **d** $2L + 2W$

- (25) The number 13 has factors
a 1 **b** 2 **c** 3 **d** 4
- (26) $24 + 25 = 25 + 24$ is called property
a identity **b** commutative **c** associative **d** distribution
- (27) If: $a \times 31 = 31 \times 9$, then $a =$
a 7 **b** 8 **c** 9 **d** 10
- (28) 16 is times greater than 2
a 4 **b** 6 **c** 8 **d** 9
- (29) The GCF of 4 and 8 is
a 2 **b** 4 **c** 6 **d** 8
- (30) The value of 5 in the number 256,319 is
a 500 **b** 5,000 **c** 50,000 **d** 500,000

Complete:

- | | | | |
|-----------|---|----|-----------|
| (1) | Three hundred seventy in the standard form = | | |
| (2) | $16,701 \cong$ (to the nearest thousand) | | |
| (3) | 4 m , 18 cm = cm | | |
| (4) | 10 hours and 30 minutes = minutes | | |
| (5) | $789 - 329 =$ | | |
| (6) | 9 liters = ml | | |
| (7) | $6,000 + 500 + 20 + 1 =$ | | |
| (8) | 5 weeks = days | | |
| (9) | In the bar model <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>56</td></tr><tr><td>y 26</td></tr></table> , $y =$ | 56 | y 26 |
| 56 | | | |
| y 26 | | | |

(10) In the bar model

x
54 32

, $x =$ _____

(11) If $55 \div 5 = 11$, then the divisor is

(12) $100 - (4 + 7) \times 9 =$

(13) 720 hundreds =

(14) $2 \times 3 - 6 \div 6 =$

(15) 2,300 g = kg , g

Essay Problems:

(1) Find: $22 \times 50 =$

(2) There are 20,000 ants in a colony. If 1,500 ants leave the colony, how many ants did not leave the colony?

.....

(3) Find the GCF of 8 and 12

.....

.....

.....

(4) $768 \div 5 =$

$35 \times 23 =$